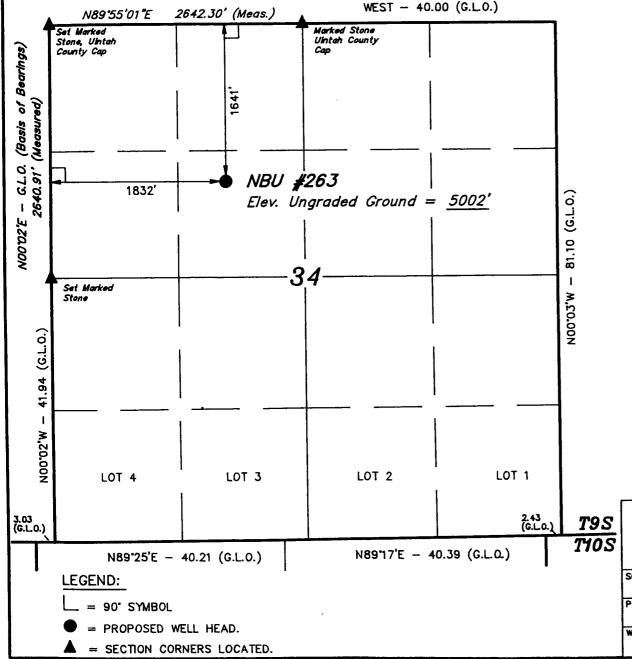
#### STATE OF UTAH CION OF OIL GAS AND MINING

	DIVISION OF C	JIL, GAS AND MININ	G		gnation and Serial Number: 01194-A
APPL	8. If Indian, A	liation or Tribe Name:			
1A. Type of Work:	7. Unit Agree	7. Unit Agreement Name: Natural Buttes Unit			
B. Type of Well: OIL	GAS [X] OTHER:	SINGLE	ZONE MULTIPLE ZO	ONE NBU	nee Name:
2. Name of Operator: -Coastal Oil	& Gas Corporation	n		a. Well Numb #263	er:
3. Address and Telephone Num	<u> </u>		(303) 573-4		Pool or Wildcat al Buttes Field
4. Location of Well (Footages) At Surface: 164 At Proposed Producing Zone:	l' FNL & 1832' FW	IL .			Sec. 34-T9S-R21E
	fon from nearest town or post office: y 47 miles south	vest of Vernal,	Utah	12 County: Uinta	13. State: UTAH
15. Distance to nearest property or lease line (feet):	10001	16. Number of acres in lease 1292.39		17. Number of acres assign N/A	ned to this well:
18. Distance to necreat well, dri completed, or applied for, o		19. Proposed Depth: 6900 <sup>1</sup>		20. Rotary or cable tools: Rotary	
21. Elevations (show whether 0 Ungraded GR	F, RT, GR, etc.):				Approval
23.	PROP	OSED CASING AND	CEMENTING PRO	GRAM	
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTI	TY OF CEMENT
Please see a	ttached Drilling	Program.			
Coastal Oil & If productive, and abandoned  See the Drilli  Coastal Oil & agrees to be ronducted upon	casing will be as per State of ng Program and M Gas Corporation	proposes to dri run and the wel Utah requirement Ulti-point Surf is considered to the terms and is. Bond covera	Il a well to the completed. In ts.  Tace Use & Operation of the conditions of the complete conditions of the co	e proposed TD f dry, the we tions Plan, at or of the sub	as stated above.  Il will be plugged  ttached.  ject well. It the operations or lease activitie
Name & Signature: Short	Shila Br a Bremer	emel	Environ Tale: Safety	mental & Analyst	Date: 12/5/96

43-047-32793 By atthews Letheleum Engmen 12/23/96

## T9S, R21E, S.L.B.&M.



#### COASTAL OIL & GAS CORP.

Well location, NBU #263, located as shown in the SE 1/4 NW 1/4 of Section 34, T9S, R21E. S.L.B.&M., Uintah County, Utah.

#### BASIS OF ELEVATION

BENCH MARK LOCATED IN THE NW 1/4 OF SECTION 27, T9S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR. GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4961 FEET. SCALE

#### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

> REGISTERED LAND SURVEYOR REGISTRATION NO. 161319

STATE OF UTAH

#### LAND SURVEYING UINTAH ENGINEERING 85 SOUTH 200 EAST -VERNAL UTAH 84078 (801) 789-1017

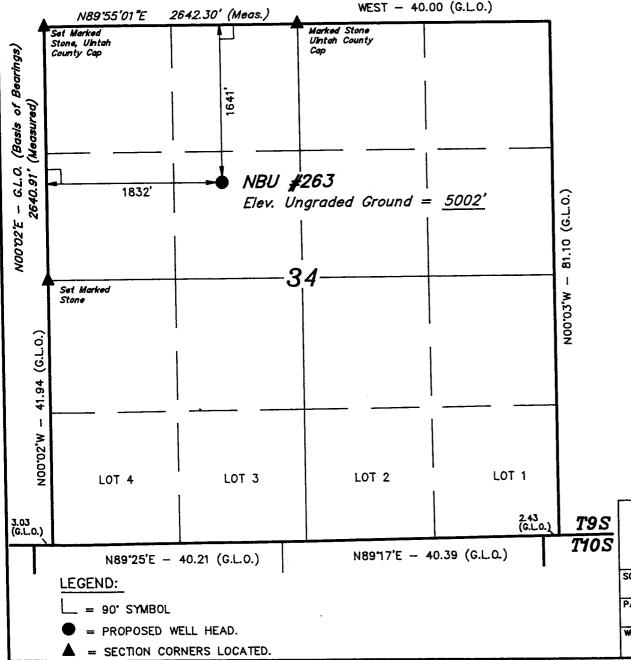
SCALE 1" = 1000'	DATE SURVEYED: 11-18-96	DATE DRAWN: 11-25-96		
PARTY D.K. K.S. D.R.B.	REFERENCES G.L.O. PLAT			
WEATHER	FILE			
COLD	COASTAL OIL	COASTAL OIL & GAS CORP.		

## DIVISION OF OIL GAS AND MINING

	DIVISION	5. Lease Designation and Serial Number:  ST U-01194-A		
A	PPLICATION FOR	6. If Indian, Allottee or Tribe Name:		
1A. Type of Work:	DRILL 🗓	7. Unit Agreement Name: Natural Buttes Unit		
B. Type of Well:	OIL GAS X OTHER	SINGLE	ZONE MULTIPLE ZO	8 Farm or Lessa Name:
2. Name of Operator:				9. Well Number:
Coastal	Oil & Gas Corpora	tion		#263
3. Address and Teleph P.O. Box	749, Denver, CO	80201-0749	(303) 573-4	455 Natural Buttes Field
Location of Well (Fo At Surface:     At Proposed Produc	66% 1641' FNL & 1832'	FWL		11. Otr/Otr, Section, Township, Range, Meridian: . SE/NW, Sec. 34-T9S-R21E
14. Clatance in miles of	and direction from nearest town or post ately 47 miles sou	thwest of Vernal,	Utah	12. County: 13. State: UTAH Uintah
15. Distance to neare property or lease	et	16. Number of acres in leas 1292.39		17. Number of acree assigned to this well: N/A
18. Distance to neare completed, or app	et well, drilling, See blied for, on this lease (feet): Map	Topo 19. Proposed Depth:		20. Rotary or cable tools: Rotary
21. Elevations (show to Ungrade)	whether DF, RT, GR, etc.):	0 1 000		22. Approximate data work will start: Upon Approval
23.		OPOSED CASING ANI	CEMENTING PRO	GRAM
SIZE OF HOU			SEITING DEPTH	QUANTITY OF CEMENT
Please	see attached Drill	ing Program.		
116030	ec abacinea ex ivi			
subsurface locations an	d measured and true vertical depths. (	live blowout preventer program, if any.		If proposal is to drill or deepen directionally, give pertinent data on
If product and abando	tive, casing will oned as per State	be run and the we of Utah requireme	nts.	e proposed TD as stated above. If dry, the well will be plugged
See the D	rilling Program ar	d Multi-point Sur	face Use & Opera	itions Plan, attached.
agrees to		ider the terms and ands. Bond cover	age pursuant to	tor of the subject well. It the lease activities activities
24. Name & Signature:	Sheila Bremer	Bremer	Enviro Tade: Safety	Analyst 2 MANNO 12/5/96
(This space for State				
API Number Assigned	: 43-047-32 PPV) attke	us Letu	Approval: Fleum argme	w 12/23/96

(See Instructions on Reverse Side)

## T9S, R21E, S.L.B.&M.

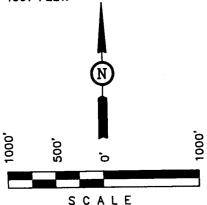


#### COASTAL OIL & GAS CORP.

Well location, NBU #263, located as shown in the SE 1/4 NW 1/4 of Section 34, T9S, R21E, S.L.B.&M., Uintah County, Utah.

#### BASIS OF ELEVATION

BENCH MARK LOCATED IN THE NW 1/4 OF SECTION 27, T9S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4961 FEET.



#### CERTIFICATE SEEF 12

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR REGISTRATION NO. 161319 STATE OF UTAH

# UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 FAST - VERNAL, UTAH 84078 (801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: DATE DRAWN: 11-18-96 11-25-96
PARTY D.K. K.S. D.R.B.	REFERENCES G.L.O. PLAT
WEATHER COLD	FILE COASTAL OIL & GAS CORP.

### NBU #263 1641' FNL & 1832' FWL SE/NW, SECTION 34-T9S-R21E UINTAH COUNTY, UTAH

#### COASTAL OIL & GAS CORPORATION

#### DRILLING PROGRAM

The proposed wellsite is on State of Utah surface/State of Utah minerals.

#### 1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Duchesne River/Uinta	Surface
Green River	1,470'
Wasatch	4,770'
Total Depth	6,900'

#### 2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

Substance	<b>Formation</b>	<u>Depth</u>
Oil/Gas	Green River	1,470'
Oil	Wasatch	4,770'
Gas	Wasatch	4,770'
Water	N/A	
Other Minerals	N/A	

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. Oil and gas shows will be tested to determine commercial potential.

#### 3. **Pressure Control Equipment:** (Schematic Attached)

- a. The BOP stack will consist of one 11" 3,000 psi annular BOP, one 11" 3,000 psi double ram, and one 11" drilling spool. The lower ram will contain pipe rams, and the upper ram will contain blind rams.
- b. The choke and kill lines and the choke manifold will have a 3,000 psi minimum pressure rating.
- c. Testing: The hydril will be tested to 1,500 psi. The rams, choke manifold, kelly safety valves, drill string safety valves, and inside BOP will be tested to 2,000 psi.

#### 4. **Proposed Casing and Cementing Program:**

a. The proposed Casing Program will be as follows:

<u>Purpose</u>	<u>Depth</u>	Hole Size	Csg Size	Wt/ft	<u>Grade</u>	<u>Type</u>
Surface	0-250'	12¼"	8 <b>5/8"</b>	24#	K-55	ST&C
Production	0-TD	7%"	4½"	11.6#	K-55	LT&C

The surface casing will be tested to 1,500 psi prior to drilling out.

Casing design is subject to revision based on geologic conditions encountered.

b. The Cement Program will be as follows:

Surface	<u>Fill</u>	Type & Amount
0-250'	250'	Approximately 190 sx Class "G" + 2% CaCl <sub>2</sub> , 15.6 ppg, 1.19 CF/sx.
Production		Type & Amount
500' above productive interval to surface		Lead: Extended, Lite, or Hi-Fill cement + additives, 11 ppg.
TD to 500' above productive interval		Tail: Extended Class "G" or 50:50 Poz + additives, 14 ppg.

For production casing, actual cement volumes will be determined from the caliper log.

For surface casing, waiting on cement time will be adequate to achieve 500 psi compressive strength at the shoe prior to drilling out.

#### 5. **Drilling Fluids Program:**

<u>Interval</u>	Type	Mud Wt.
0-TD'	Air/Air Mist/Aerated Water/Water (As hole conditions warrant.) Mud up with 9-10 ppg mud prior to logging.	8.4 ppg or less

No chromate additives will be used in the mud system without prior approval to ensure adequate protection of fresh water aquifers.

#### 6. **Evaluation Program:**

a. Logging Program:

DLL/SP:

Base of surface casing to TD

GR/Neutron Density:

2500'-TD

Drill Stem Tests:

None anticipated.

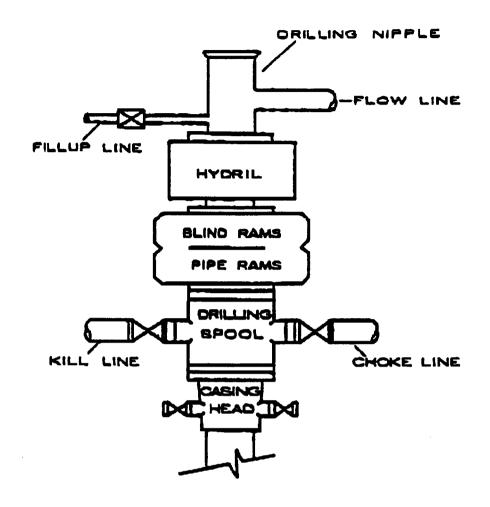
The Evaluation Program may change at the discretion of the well site geologist.

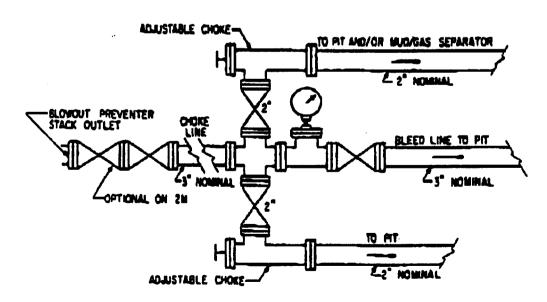
b. No drill stem tests, stimulation, or frac treatment has been formulated for this well at this time; however, the drill site, as approved, will be of sufficient size to accommodate all completion activities. Any frac treatment program specifics will be submitted via sundry notices.

#### 7. **Abnormal Conditions:**

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered in or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure approximately equals 2,760 psi (calculated at 0.4 psi/foot) and maximum anticipated surface pressure equals approximately 1,242 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

## BOP STACK





### NBU #263 1641' FNL & 1832' FWL SE/NW, SECTION 34-T9S-R21E UINTAH COUNTY, UTAH

#### COASTAL OIL & GAS CORPORATION

#### MULTI-POINT SURFACE USE & OPERATIONS PLAN

This Surface Use and Operations Plan is subject to change pending completion of the on-site inspection.

#### 1. Existing Roads:

The proposed wellsite is approximately 47 miles southwest of Vernal, Utah.

Directions to the location from Vernal, Utah, are:

Proceed in a westerly direction from Vernal on U.S. Highway 40 approximately 14.0 miles to the junction of State Highway 88; exit left and proceed in a southerly direction approximately 17.0 miles to Ouray, Utah; proceed in a southerly direction approximately 6.9 miles on the Seep Ridge Road to the junction of this road and an existing road to the east; turn left and proceed in an easterly direction approximately 5.0 miles to the junction of this road and an existing road to the north; turn left and proceed in a northerly direction approximately 0.3 miles to the junction of this road and an existing road to the northeast; turn right and proceed in a northeasterly direction approximately 2.1 miles to the junction of this road and an existing road to the south; turn right and proceed in a southerly direction approximately 1.1 miles to the junction of this road and an existing road to the southwest; turn right and proceed in a southwesterly direction approximately 0.3 miles to the beginning of the proposed access road to the northwest; follow road flags in a northwesterly direction approximately 0.3 miles to the proposed location.

Refer to Topo Maps A and B for location of access roads within a 2 mile radius.

Improvements to existing access roads shall be determined at the on-site inspection.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

#### 2. Planned Access Roads:

Approximately 0.3 miles of new access will be required. The new access road will be crowned and ditched with a running surface if 18 feet and a maximum disturbed width of 30 feet, *unless modified at the on-site inspection*. Appropriate water control will be installed to control erosion.

Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities shall be determined at the on-site.

The access road was centerline flagged during time of staking.

Surfacing material may be necessary, depending upon weather conditions.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

#### 3. Location of Existing Wells Within a 1-Mile Radius: (See Map C)

- a. Water wells 0
- b. Producing wells 18
- c. Drilling wells 0
- d. Shut-in wells 1
- e. Temporarily abandoned wells 1
- f. Disposal wells 0
- g. Abandoned wells 2
- h. Injection wells 0

#### 4. Location of Existing and Proposed Facilities:

The following guidelines will apply if the well is productive.

- a. All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.
- b. A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.
- c. All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.
  - All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required color is Desert Brown, Munsell standard color number 10 YR 6/3.
- d. Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.
- e. The proposed pipeline will leave the well pad in a northwesterly direction for an approximate distance of 1500' to tie into an existing pipeline. Please see Map D.

#### 5. Location and Type of Water Supply:

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Section 32-T4S-R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

#### 6. Source of Construction Materials:

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

#### 7. <u>Methods of Handling Waste Materials</u>:

- a. Drill cuttings will be contained and buried in the reserve pit.
- b. Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.
- c. The reserve pit will be constructed on the location and will not be located within natural drainages, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids. The need for a reserve pit liner will be determined at the on-site inspection.

If a plastic reinforced liner is used, it will be a minimum of 12 mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

- d. Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.
- e. A chemical porta-toilet will be furnished with the drilling rig.
- f. Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.
- g. All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

h. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

#### 8. **Ancillary Facilities:**

None are anticipated.

#### 9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s). *This section is subject to modification as a result of the on-site inspection*.

See the attached diagram to describe rig orientation, parking areas, and access roads.

- a. The reserve pit will be located on the south side of the location.
- b. The stockpiled topsoil (first six inches) will be stored on the west side of the location. All brush removed from the well pad during construction will be stockpiled separately from the topsoil.
- c. The flare pit will be located on the south side of the location, downwind from the prevailing wind direction.
- d. Access will be from the east.
- e. All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

f. The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

#### 10. Plans for Reclamation of the Surface:

#### a. Producing Location:

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

If a plastic, nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water(s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

#### b. Dry Hole/Abandoned Location:

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and the re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

#### 11. Surface Ownership:

- a. Access Roads The proposed access road is located on lands owned by:
  - State of Utah
    Division of State Lands & Forestry
- b. Well Pad The well is located on land owned by:
  - State of Utah
     Division of State Lands & Forestry
     3 Triad Center, #400
     Salt Lake City, Utah 84180-1204

#### 12. Other Information:

- a. All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.
- b. The Operator will control noxious weeds along right-of-ways for roads, pipelines, well sites, or other applicable facilities.
- c. A Class III archeological survey was conducted by Metcalf Archaeological Consultants, Inc. A copy of this report is being sent directly to the Utah Preservation Office, Division of History, Salt Lake City, and Kenneth Wintch, Utah School Trust Lands, Salt Lake City, by Metcalf Archaeological Consultants.

#### 13. Lessee's or Operators's Representative and Certification:

Sheila Bremer Environmental & Safety Analyst Coastal Oil & Gas Corporation P.O. Box 749 Denver, CO 80201-0749 (303) 573-4455 Keith Alverson Drilling Manager (713) 877-6354

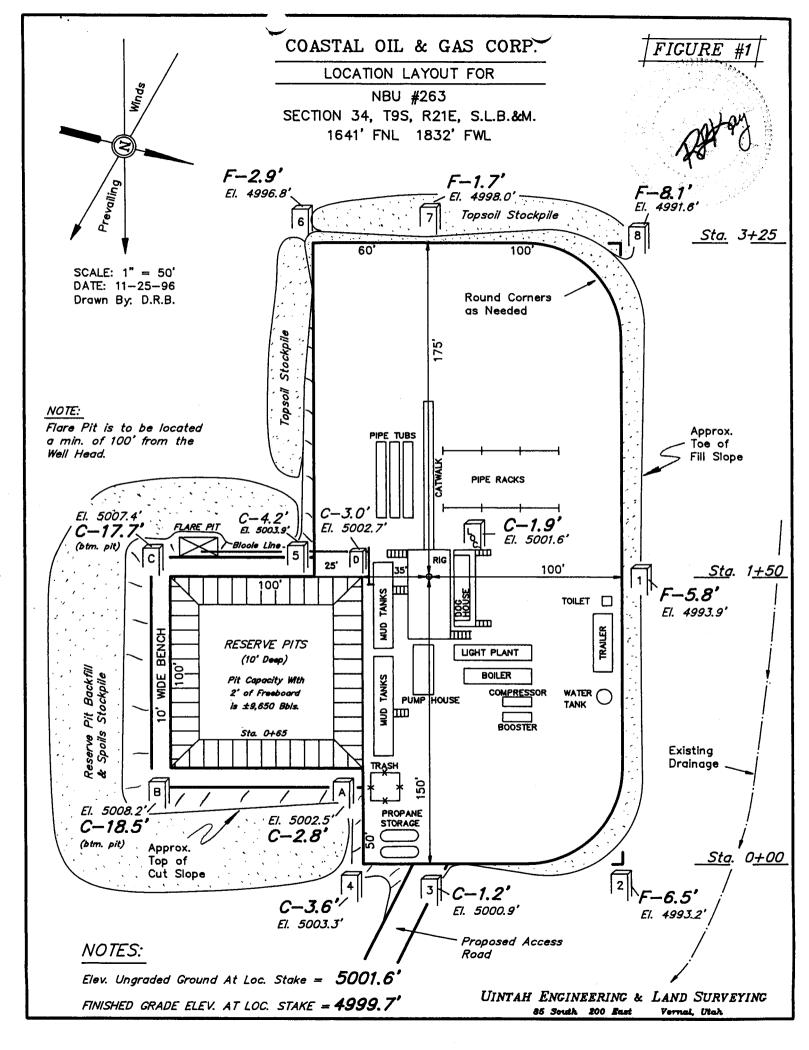
Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice to Lessees.

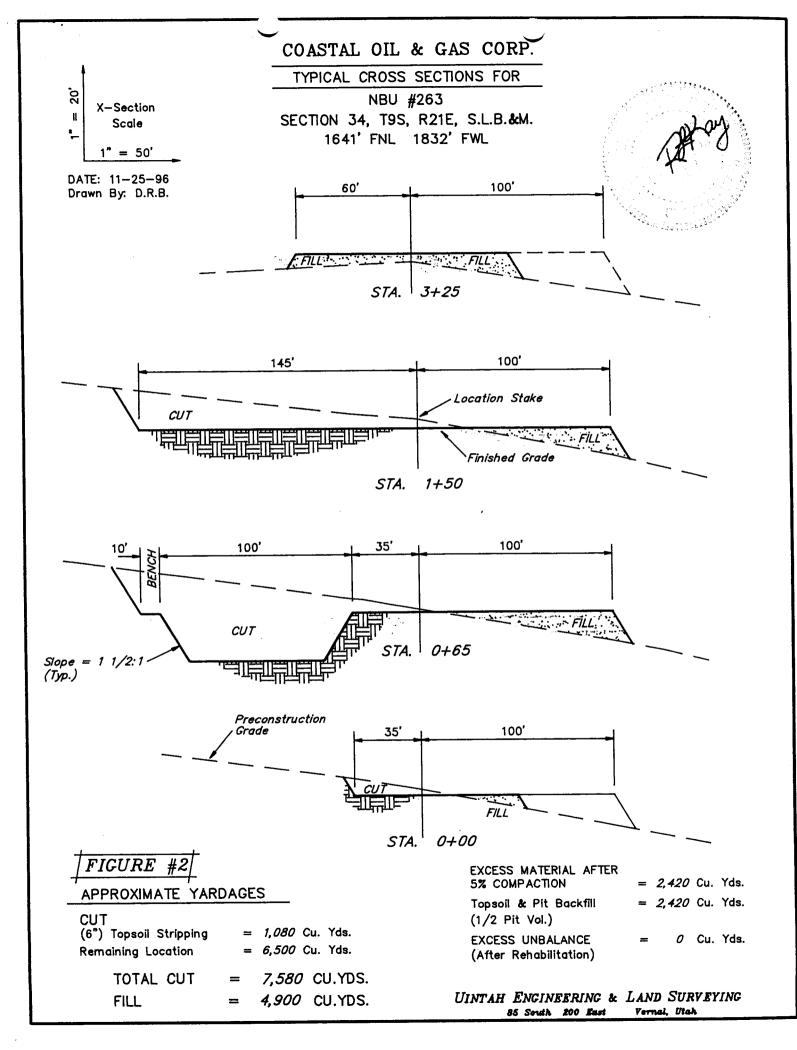
The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

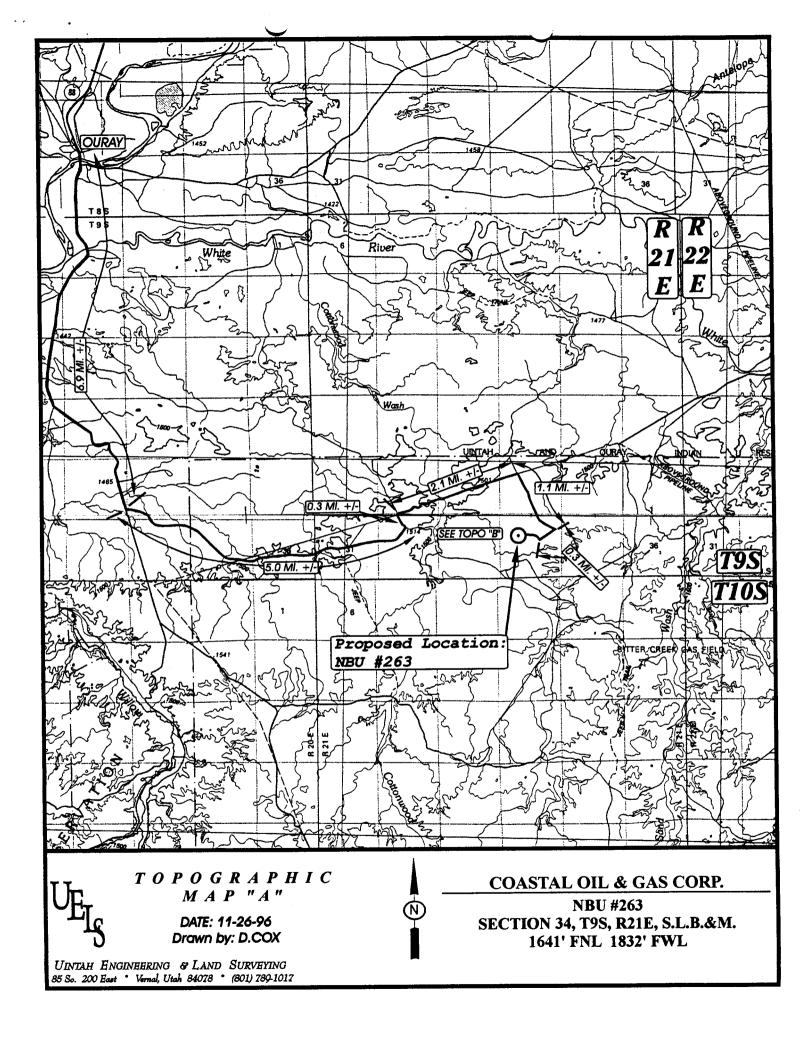
I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the operator, its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

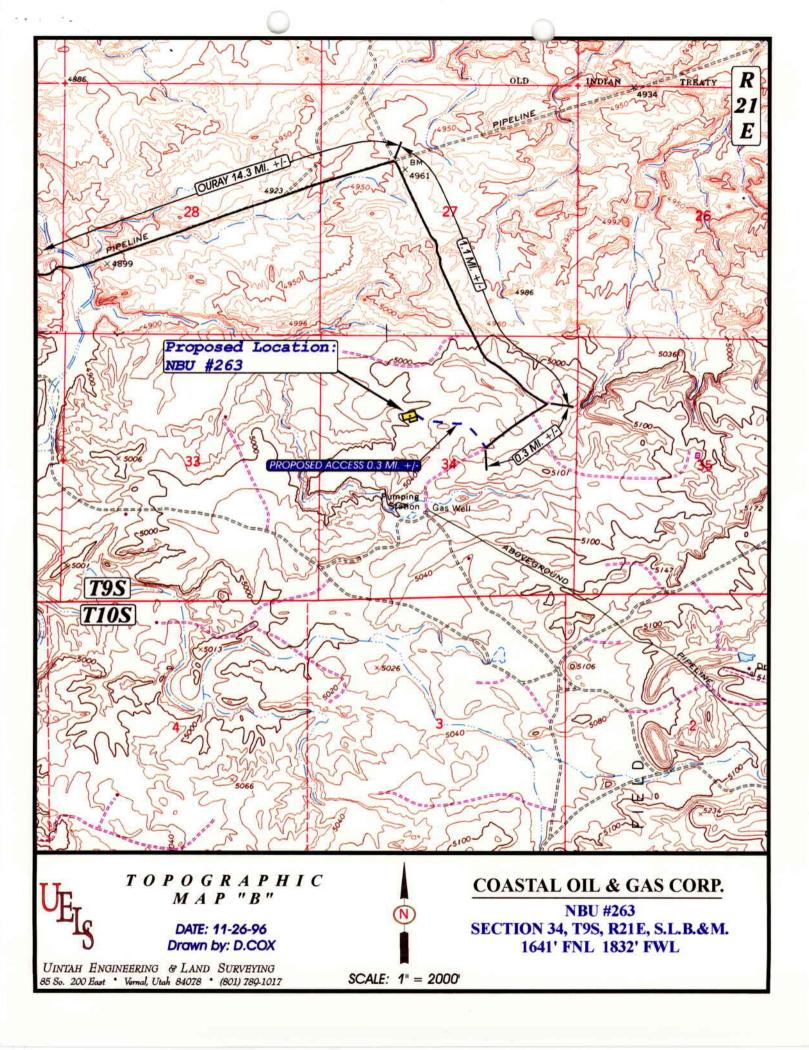
Sheila Bremer

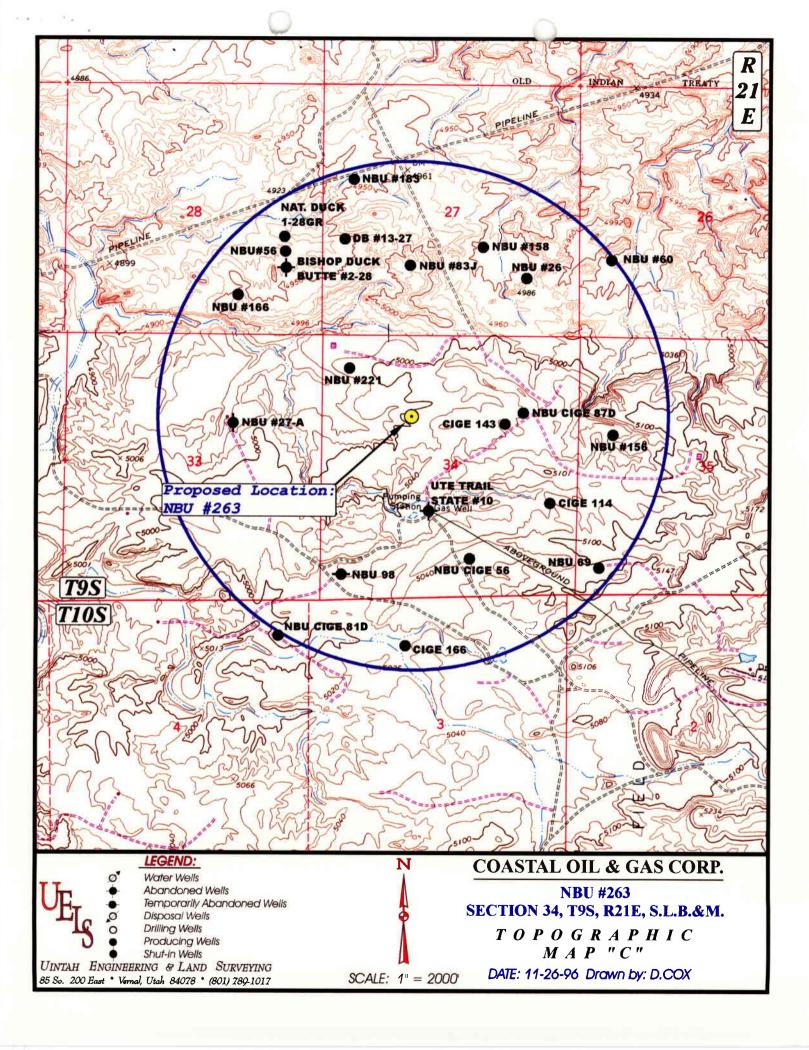
Date

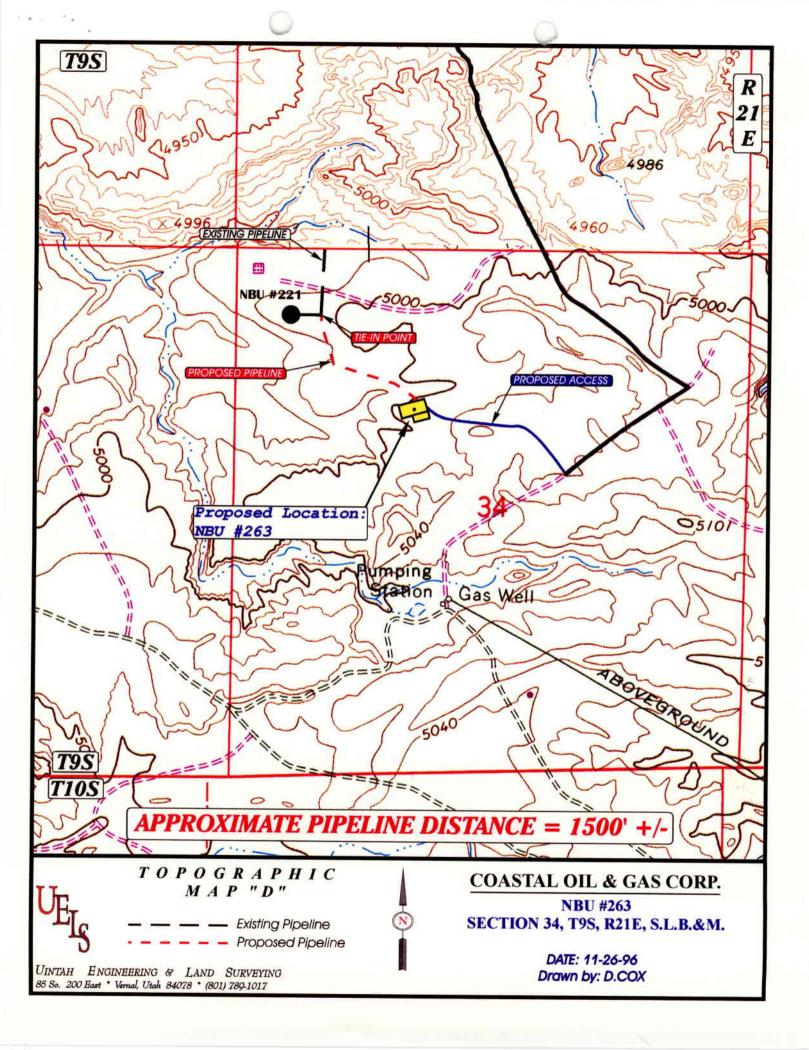










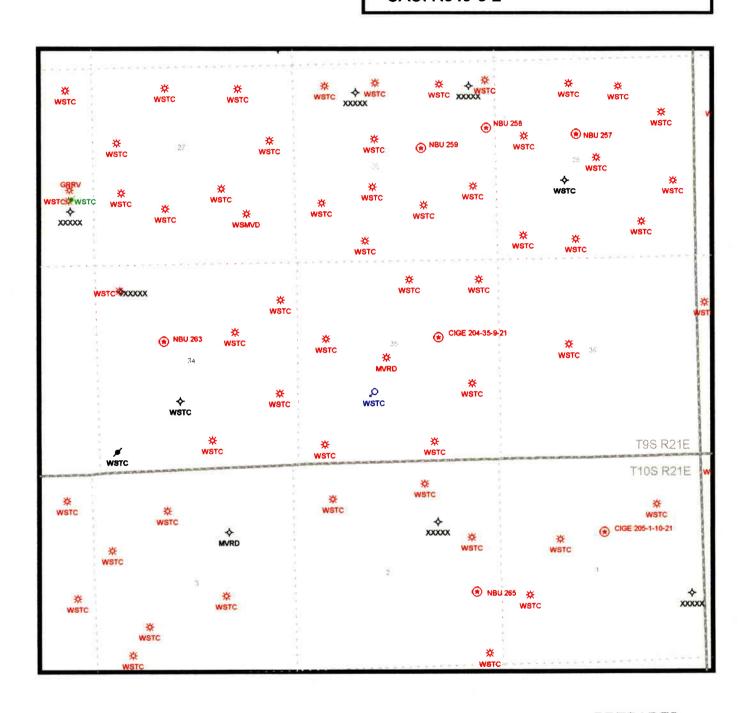


## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/06/96	API NO. ASSIGNED: 43-047-32793
WELL NAME: NBU 263 OPERATOR: COASTAL OIL & GAS CORP	(N0230)
PROPOSED LOCATION: SENW 34 - T09S - R21E SURFACE: 1641-FNL-1832-FWL BOTTOM: 1641-FNL-1832-FWL UINTAH COUNTY NATURAL BUTTES FIELD (630)  LEASE TYPE: STA LEASE NUMBER: ST U - 01194  PROPOSED PRODUCING FORMATION: WSTC	INSPECT LOCATION BY: / / TECH REVIEW Initials Date Engineering Geology Surface
RECEIVED AND/OR REVIEWED:  Plat Bond: Federal[] State [ Fee[] (Number /02/03 )  Potash (Y/N) Oil shale (Y/N) Water permit (Number 43~8496 ) RDCC Review (Y/N) (Date:)	LOCATION AND SITING:
COMMENTS:  STIPULATIONS:	

OPERATOR: COASTAL OIL & GAS FIELD: NATURAL BUTTES (630) SEC, TWP, RNG: VAR, 9 &10 S, 21 E

COUNTY: UINTAH UAC: R649-3-2



PREPARED: DATE: 6-DEC-96

#### STATE OF UTAH, DIV OF OIL, GAS & MINERALS

Operator: COASTAL OIL & GAS CORP Well Name: NBU # 263

Location: SEC. 34 - T9S - R21E Project ID: 43-047-32793

Design Parameters: <u>Design Factors:</u>

: 1.125 Collapse : 0.500 psi/ft Mud weight (9.63 ppg) : 1.00 Burst Shut in surface pressure : 2929 psi 8 Round . 1.80 (J) Internal gradient (burst) : 0.076 psi/ft : 1.60 (J) Buttress : 0.000 psi/ft Annular gradient (burst) Other : 1.50 (J) Tensile load is determined using air weight : 1.50 (B) Body Yield Service rating is "Sweet"

	Length (feet)		Weight (lb/ft)	Grade	e Joi		Depth feet)	Drift (in.)	Cost
1	6,900	4.500	11.60	K-5	5 LT&0	2	6,900	3.875	
	Load (psi)	Collapse Strgth (psi)		Burst Load (psi)	Min Int Strgth (psi)			Tension Strgth (kips)	S.F.
1	3450	4960	1.438	3450	5350	1.55	80.04	180	2.25 J

MATTHEWS, Salt Lake City, Utah Prepared by

12-23-1996 Date

Remarks

:

WASATCH

Minimum segment length for the 6,900 foot well is 1,500 feet.

SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas

temperature of 122°F (Surface 74°F , BHT 171°F & temp. gradient 1.400°/100 ft.)

String type: Production

The mud gradient and bottom hole pressures (for burst) are 0.500 psi/ft and

3,450 psi, respectively.

NOTE:

The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser. Costs for this design are based on a 1987 pricing model. (Version 1.07)

### DIVISION OF OIL, GAS AND MINING APPLICATION FOR PERMIT TO DRILL STATEMENT OF BASIS

Operator Name: COASTAL OIL & GAS CORP.
Name & Number: NBU #263
API Number: 43-047-32793
Location: 1/4,1/4 <u>SE/NW</u> Sec. <u>34</u> T. <u>9S</u> R. <u>21E</u>
Geology/Ground Water:
The base of moderately saline water is at a depth of approximately 3800 feet. This corresponds
with the approximate top of the Wasatch Formation. It is unlikely that high quality water will be
encountered in this area. Water bearing zones in this area are generally isolated and not subject
to recharge. The proposed casing and cement program will adequately isolate and protect any
water encountered.
water encountered.
Reviewer: D. Jarvis
Data: 42.22.06
Date: 12-23-96
Confess
Surface:
THE PRE-SITE INVESTIGATION OF THE SURFACE HAS BEEN PERFORMED BY FIELD
PERSONNEL ON 12/12/96. ALL APPLICABLE SURFACE MANAGEMENT AGENCIES HAVE
BEEN NOTIFIED AND THEIR CONCERNS ACCOMMODATED WHERE REASONABLE AND
POSSIBLE. A LINER WILL BE REQUIRED FOR THE RESERVE PIT AT THIS SITE BECAUSE
OF THE HUGE SANDSTONE LEDGES WHICH WILL REQUIRE DRILLING AND BLASTING TO
CONSTRUCT THE RESERVE PIT. THIS BLASTING WILL VERY LIKELY FRACTURE THE
UNDERLINING LEDGES AND CAUSE UNDUE PERCOLATION.
ONDERCHAINTO EEDOCO / IND ONCOL ON DEL COLO DE LA COLO
Reviewer: DAVID W. HACKFORD
NOTIONAL DIVINE TITLE CONTROLLED
Date: 12/16/96

## Conditions of Approval/Application for Permit to Drill:

THE RESERVE PIT MUST BE CONSTRUCTED SOUTHEAST OF WELL AND HAVE A 12 ML LINER INSTALLED BEFORE USE.

## ON-SITE PREDRILL EVALUATION

### Division of Oil, Gas and Mining

OPERATOR: COASTAL OIL & GAS CORP.
WELL NAME & NUMBER: NBU #263
API NUMBER: 43-047-32793
LEASE: ST U - 01194 - A FIELD/UNIT: NATURAL BUTTES
LOCATION: 1/4,1/4 <u>SE/NW</u> Sec: <u>34</u> TWP: <u>9S</u> RNG: <u>21E 1641'</u> FNL <u>1832'</u> FWL
LEGAL WELL SITING: 1641 SEC. LINE; 321 F 1/4,1/4 LINE;F ANOTHER WELL.
GPS COORD (UTM): 12624627E 4428042N
SURFACE OWNER: STATE OF UTAH
PARTICIPANTS  DAVID W. HACKFORD (DOGM), SHIELA BRENNER, PAUL BRESHEARS (COGC), ROBERT KAY (UELS), HARLEY JACKSON (JACKSON CONSTRUCTION).
REGIONAL/LOCAL SETTING & TOPOGRAPHY  SIGHT IS ON A REASONABLY FLAT AREA SLOPING GRADUALLY TO THE SOUTH.  THERE ARE NUMEROUS SANDSTONE OUTCROPPINGS WHICH WILL REQUIRE BLASTING TO CONSTRUCT THE LOCATION AND RESERVE PIT.  CURRENT SURFACE USE: MINIMAL LIVESTOCK AND WILDLIFE GRAZING.
PROPOSED SURFACE DISTURBANCE: LOCATION WILL BE 325' BY 235'.
LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: SEE ATTACHED MAP FROM GIS DATABASE.
LOCATION OF PRODUCTION FACILITIES AND PIPELINES: ALL PRODUCTION FACILITIES WILL BE ON LOCATION.
SOURCE OF CONSTRUCTION MATERIAL: ALL CONSTRUCTION MATERIAL WILL BE BORROWED FROM THIS SITE DURING CONSTRUCTION AND IS NATIVE.
ANCILLARY FACILITIES: NONE WILL BE REQUIRED
WASTE MANAGEMENT PLAN:  DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. SEWAGE FACILITIES, STORAGE AND DISPOSAL WILL BE HANDLED BY COMMERCIAL CONTRACTOR. TRASH WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO A LANDFILL. ANY AND ALL HAZARDOUS WASTES WILL BE DISPOSED OF OFFSITE AT AN APPROVED FACILITY.
ENVIRONMENTAL PARAMETERS
AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE.
FLORA/FAUNA: <u>NATIVE GRASSES, CHEATGRASS, PRICKLEY PEAR, SAGE, SALTBRUSH, GREASEWOOD. PRONGHORN, RODENTS, COYOTE, BIRDS.</u>

SOIL TYPE AND CHARACTERISTICS: BROWN SANDY CLAY.
SURFACE FORMATION & CHARACTERISTICS: <u>UINTAH FORMATION, SOUTH FLANK OF UINTAH MOUNTAINS.</u>
EROSION/SEDIMENTATION/STABILITY: MINOR EROSION, MINOR SEDIMENTATION, NO STABILITY PROBLEMS ANTICIPATED.
PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.
RESERVE PIT
CHARACTERISTICS: 100' BY 100' AND 10' DEEP.
LINER REQUIREMENTS (Site Ranking Form attached): A 12 MIL LINER WLL
BE REQUIRED.
SURFACE RESTORATION/RECLAMATION PLAN
AS PER STATE OF UTAH, TRUST LANDS.
SURFACE AGREEMENT: STATE OF UTAH, TRUST LANDS.
CULTURAL RESOURCES/ARCHAEOLOGY: AN ARCHAEOLOGICAL INVESTIGATION HAS BEEN
CONDUCTED BY METCALF ARCHAEOLOGICAL CONSULTANTS, INC. A REPORT OF THIS INVESTIGATION WILL BE PLACED ON FILE.
OTHER OBSERVATIONS/COMMENTS
ONSITE INVESTIGATION WAS DONE ON A COLD WINDY DAY. UP TO THREE INCHES OF SNOW COVERED THE GROUND WITH SMALL PATCHES OF OPEN GROUND
VISIBLE.
ATTACHMENTS:
PHOTOS OF PROPOSED SITE WILL BE PLACED ON FILE.
DAVID W. HACKFORD 12/12/96 11:30AM DOGM REPRESENTATIVE DATE/TIME

#### Evaluation Ranking Criteria and Ranking Score For Reserve and Onsite Pit Liner Requirements

Site-Specific Factors	Ranking	Site Ranking
Distance to Groundwater (feet) >200 100 to 200 75 to 100 25 to 75 <25 or recharge area	0 5 10 15 20	0
Distance to Surf. Water (feet) >1000 300 to 1000 200 to 300 100 to 200 < 100	0 2 10 15 20	0
Distance to Nearest Municipal Well >5280 1320 to 5280 500 to 1320 <500	(feet) 0 5 10 15	0
Distance to Other Wells (feet) >1320 300 to 1320 <300	0 10 20	0
Native Soil Type  Low permeability  Mod. permeability  High permeability	0 10 20	20
Fluid Type Air/mist Fresh Water TDS >5000 and <10000 TDS >10000 or Oil Base Mud Fluid containing high levels of hazardous constitue	0 5 15 20	5
Drill Cuttings Normal Rock Salt or detrimental	0 10	0
Annual Precipitation (inches) <10 10 to 20 >20	0 5 10	0
Affected Populations <10 10 to 30 30 to 50 >50	0 6 8 10	0
Presence of Nearby Utility Conduits Not Present Unknown Present	0 10 15	0
Final Score (Level II Sensitivity	)	25



DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt Governor Ted Stewart Executive Director

355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203 801-538-5340 801-359-3940 (Fax) James W. Carter Division Director 801-359-3940 (Fax) 801-538-5319 (TDD)

December 23, 1996

Coastal Oil & Gas Corporation P.O. Box 749 Denver, Colorado 80201-0749

NBU 263 Well, 1641' FNL, 1832' FWL, SE NW, Sec. 34, T. 9 S., R. 21 E., Uintah County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-32793.

Sincerely,

Associate Director

lwp

Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal District Office



Operator:		<u> Coast</u>	<u>al Oil</u>	& Ga	s Co	rpor	ation	n	
Well Name & Nu	mber: _	NBU 2	63	<del></del>			·····	·	.,
API Number: _		43-04	7-3279	3					_
Lease:		ST U-	01194-	A					
Location:	SE NW	Sec.	34	Т.	9	s.	R.	21 E.	

#### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews at (801)538-5334 or Mike Hebertson at (801)538-5333.

- 3. Reporting Requirements
  All required reports, forms and submittals shall be promptly
  filed with the Division, including but not limited to the
  Entity Action Form (Form 6), Report of Water Encountered
  During Drilling (Form 7), Weekly Progress Reports for
  drilling and completion operations, and Sundry Notices and
  Reports on Wells requesting approval of change of plans or
  other operational actions.
- 4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis dated December 23, 1996 (copy attached).

## ATE OF UTAH DIVISION OIL, GAS AND MINING

	5. Lease Designation and Serial Number: ST U-01194-A
SUNDRY NOTICES AND REPORTS ON	6. If Indian, Allottee or Tribe Name: N/A
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter	plugged and abandoned wells.  7. Unit Agreement Name:
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for sur	
. Type of Well: OIL GAS X OTHER:	8. Well Name and Number: NBU 263
Name of Operator: Coastal Oil & Gas Corportion	9. API Well Number: 43-047-3279% <b>3</b>
Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749	(303) 573-4476  10. Field and Pool, or Wildcat: Natural Buttes Field
. Location of Well	
Footages: 1641' FNL & 1832' F	County: Uintah
QQ, Sec., T., R., M.: SE/NW Section 34-T9S-R21E	State: Utah
1. CHECK APPROPRIATE BOXES TO INDICAT	TE NATURE OF NOTICE, REPORT, OR OTHER DATA
NOTICE OF INTENT	SUBSEQUENT REPORT
(Submit in Duplicate)	(Submit Original Form Only)
Abandon New Construction	Abandon * New Construction
Repair Casing Pull or Alter Casing	Repair Casing Pull or Alter Casing
Change of Plans Recompletion	Change of Plans Perforate
Convert to Injection Perforate	Convert to Injection Vent or Flare
Fracture Treat or Acidize Vent or Flare	Fracture Treat or Acidize Water Shut-Off
Multiple Completion Water Shut-Off	Other
Other Change proposed csg	
0000	Date of work completion
Approximate date work will start upon approval	Report results of Multiple Completions and Recompletions to different reservoirs on WELL
	COMPLETION OR RECOMPLETION REPORT AND LOG form.
	Must be accompanied by a cement verification report.
DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and vertical depths for all markers and zones pertinent to this work.)  The operator proposes to change the production casing program	give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true described in the APD for the subject well:
From: 4-1/2" 11.6# K-55	LT&C REGETVEN
To: 4-1/2" 11.6# N-80	JAN 1 3 1997
13. Shit Brine	Sheila Bremer Title Environmental & Safety Analyst Date 01/10
Name & Signature: Shulc Brune \  This space for State use only)  This space for State use only)	Title Environmental & Safety Analyst Date 01/19

## DIVISION OF OIL, GAS AND MINING

### SPUDDING INFORMATION

Name of Company: COASTAL OIL & GAS
Well Name: NBU 263
Api No. 43-047-32793
Section: 34 Township: 9S Range: 21E County: UINTAH
Drilling Contractor
Rig #
SPUDDED:
Date 3/4/97
Time
How DRY HOLE
Drilling will commence
Reported by D. HACKFORD
Telephone #
Date: 3/7/97 Signed: JLT

OPERATOR Coastal Oil & Gas Corporation

ADDRESS P.O. Box 749

Denver, CO 80201-0749

OPERATOR	ACCT	NO	N 0230
UPERAIUR	7001.	110.	

ACTION	CURRENT	NEW	API NUMBER	WELL NAME	WELL LOCATION			SPUD	EFFECTIVE		
CODE	ENTITY NO.	ENTITY NO.			QQ	SC	TP	RG	COUNTY	DATE	DATE
В	99999	02900	43-047-32793	NBU #263	SENW	34	9S	21E	Uintah	3/5/97	3/5/97
WELL 1 CC	DMMENTS:	(Coastal)	Entity add	d 3-17-97. Lu							
			1	<i>/ic</i>							
)											
WELL 2 CC	OMMENTS:										
WELL 3 CC	DMMENTS:									-	
WELL 4 CC	DMMENTS:	<u> </u>	L							•	
)											
WELL 5 CC	OMMENTS:										
				*							

ACTION CODES (See instructions on back of form)

A - Establish new entity for new well (single well only)

B - Add new well to existing entity (group or unit well)

C - Re-assign well from one existing entity to another existing entity

D - Re-assign well from one existing entity to a new entity

E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Environmental & Safety Analyst

03/13/97

Title

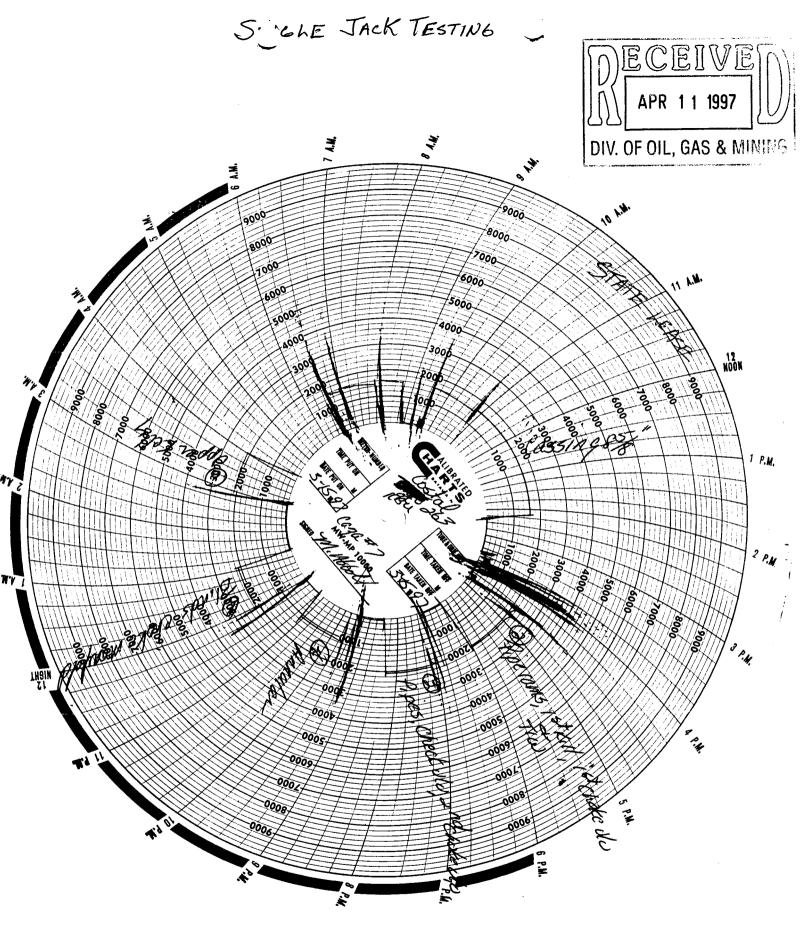
Date

Phone No. <u>(303) 573-4455</u>

## TE OF UTAH DIVISION O-OIL, GAS AND MINING

		signation and Serial Number: 91194-A				
SUNDRY NOTICES AND REPORTS ON V	· · · · · · · · · · · · · · · · · · ·	llottee or Tribe Name:				
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plug Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such pi		ment Name: I Buttes Unit				
1. Type of Well: OIL GAS X OTHER:	8. Well Name NBU #	e and Number: 263				
Name of Operator:     Coastal Oil & Gas Corporation	9. API Well N 43-047					
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749	· ·	Pool, or Wildcat: I Buttes				
4. Location of Well  Footages: 1641' FNL & 1832' FWL		Uintah Utah				
QQ, Sec., T., R., M.: SE/NW Section 34-T9S-R21E  11. CHECK APPROPRIATE BOXES TO INDICATE	State:					
NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPO	RT				
Abandon New Construction  Repair Casing Pull or Alter Casing Change of Plans Recompletion Convert to Injection Perforate Fracture Treat or Acidize Vent or Flare Multiple Completion Water Shut-Off Other	Repair Casing P Change of Plans P Convert to Injection V	ew Construction ull or Alter Casing erforate ent or Flare /ater Shut-Off				
Approximate date work will start	Date of work completion 3/7/97  Report results of bMultiple Completions; and bRecompletic COMPLETION OR RECOMPLETION REPORT AND LOG Must be accompanied by a cement verification report.					
DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)  RU Bill Martin (air rig) 3/5/97 & drill to 260' GL, 12-1/4" hole. Spud @ 10:45 a.m. on 3/5/97. 3/7/97: Ran 6 jts 8-5/8", 24#, K-55 w/Howco shoe. Total 255.60'. Cmt w/Halliburton. Pumped 20 bbls gel water ahead of 190 sx AG w/2% CaClz, wt. 15.6, yld 1.18. Dropped wood plug & displ w/14 bbls water. +/- 10 bbls cmt to pit, full returns. Hole stayed full. Job compl @ 10:47 a.m. on 3/7/97.						
13. Name & Signature: Aprila Foremer	Sheila Bremer Title Environmental & Safety Ana	ulystDate03/13/97				

(This space for State use only)



## TE OF UTAH DIVISION UIL, GAS AND MINING

		5. Lease Designation and Serial Number: ST U-01194-A	
SUNDRY NOTICES AND REPORTS O	N WELLS	6. If Indian, Allottee or Tribe Name: N/A	
Do not use this form for proposals to drill new wells, deepen existing wells, or to reente Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for s	7. Unit Agreement Name: Natural Buttes Unit		
1. Type of Well: OIL GAS X OTHER:		8. Well Name and Number: NBU #263	
Name of Operator:     Coastal Oil & Gas Corporation		9. API Well Number: 43-047-32793	
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749	(303) 573-4455	10. Field and Pool, or Wildcat: Natural Buttes	
4. Location of Well Footages: 1641' FNL & 1832' FWL QQ, Sec., T., R., M.: SE/NW Section 34-T9S-R21E  CHECK APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE. RE	County: Uintah State: Utah PORT. OR OTHER DATA	
NOTICE OF INTENT		QUENT REPORT	
(Submit in Duplicate)	(Submit	t Original Form Only)	
Abandon New Construction  Repair Casing Pull or Alter Casing  Change of Plans Recompletion  Convert to Injection Perforate  Fracture Treat or Acidize Vent or Flare  Multiple Completion Water Shut-Off  Other  Approximate date work will start	Abandon * Repair Casing Change of Plans Convert to Injection Fracture Treat or Acidize  Other First production  Date of work completion Report results of bMultiple Completion COMPLETION OR RECOMPLETION  Must be accompanied by a cement veri		
DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and vertical depths for all markers and zones pertinent to this work.)  The date of first production for the subject well was 4/9/97.			
13. Name & Signature: Amur Caron	Bonnie Carson Title Senior Environ	mental Analyst Date 04/17/97	

(This space for State use only)

# TE OF UTAH DIVISION OF OIL, GAS AND MINING

Please see the attached chronological history for drilling and comp	letion operations performed or	the subject well.
DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and evertical depths for all markers and zones pertinent to this work.)		
Approximate date work will start	Date of work completion  Report results of bMultiple Completic COMPLETION OR RECOMPLETION  * Must be accompanied by a cement with the second part of the completion of the com	
Repair Casing Change of Plans Convert to Injection Perforate Vent or Flare Multiple Completion Water Shut-Off Other	Repair Casing Change of Plans Convert to Injection Fracture Treat or Acidize X Other Drilling & Complete	Pull or Alter Casing Perforate Vent or Flare Water Shut-Off
NOTICE OF INTENT (Submit In Duplicate)  Abandon  New Construction	(Subm	oit Original Form Only)  New Construction
11. CHECK APPROPRIATE BOXES TO INDICAT		EPORT, OR OTHER DATA
4. Location of Well  Footages: 1641' FNL & 1832' FWL  QQ, Sec., T., R., M.: SE/NW Section 34-T9S-R21E		County: Uintah State: Utah
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749	(303) 573-4455	10. Field and Pool, or Wildcat: Natural Buttes
Type of Well: OIL GAS X OTHER:  2. Name of Operator: Coastal Oil & Gas Corporation		NBU #263  9. API Well Number: 43-047-32793
SUNDRY NOTICES AND REPORTS ON  Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter pure and the second of the second	N/A  7. Unit Agreement Name: Natural Buttes Unit  8. Well Name and Number:	
•		Lease Designation and Serial Number:     ST U-01194-A      If Indian, Allottee or Tribe Name:

(This space for State use only)

Today's Date: 4/24/97

# WELL CHRONOLOGICAL REPORT

WELL NAME: NBU #263

FIELD NAME:

COUNTY:

AFE#:

26810

**OPERATOR:** COASTAL OIL & GAS CORP.

SPUD DATE:

WI%:

**DATE: 3/16/97** 

**DEPTH:** 

585

**ACTIVITY AT REPORT TIME: DRLG** 

HOURS:

5.50

**PROGRESS:** 

316 ft

MW:

**DAILY COST:** \$10,241.90 8.3

**CUMM COST:** 

\$10,241.90

**ACTIVITY LAST 24 HOURS:** 

WO RT MI & RU CAZA #7 PRESS TEST BOP T/2000. HYDRIL & 8 5/8" CSG T/1500. NOTIFIED DAVE HANKFORD UTAH STATE PU BHA DRILL CMT 240-269' DRLG 269-585'. SPUD @ 23:30 3/15/97

**DATE: 3/17/97** 

**DEPTH:** 

1682

**ACTIVITY AT REPORT TIME: SLIP & CUT DRLG LINE** 

HOURS:

MW:

16.50 0.0 PROGRESS:

1097 ft

**CUMM COST:** 

\$31,165.00

**ACTIVITY LAST** 24 HOURS:

SERVICE RIG. CHG ROT HEAD RUBBER DRLG RS DRLG KILL AIR TRIP TO CUT DRLG LINE. BIT SLOWED DWN. REASON FOR PULLING & INSPECTING IT. DRLG SVY INSPECT BIT

**DAILY COST:** \$20,923.10

**DATE: 3/18/97** 

DEPTH:

3230

**ACTIVITY AT REPORT TIME: DRLG** 

**HOURS:** 

MW:

20.00

PROGRESS:

1548 ft

**DAILY COST:** \$34,402.30 0.0

**CUMM COST:** 

\$65,567.30

RS

ACTIVITY LAST 24 HOURS:

CUT DRLG LINE TIH & WASH 20' TO BTM DRLG 1682-2031' DRLG 2198-2542' SURVEY DRLG 2542-3230' SURVEY

HIT H2O @ 1488'

SURVEY DRLG 2031-2198'

# WELL CHRONOLOGICAL REPORT

WELL NAME: NBU #263

**FIELD NAME:** 

COUNTY:

AFE#:

26810

**OPERATOR: COASTAL OIL & GAS CORP.** 

SPUD DATE:

WI%:

**DATE: 3/19/97** 

**DEPTH:** 

4020

**ACTIVITY AT REPORT TIME: DRLG** 

HOURS:

17.50

**PROGRESS:** 

790 ft

MW:

8.8

**DAILY COST: \$21,564.40** 

**CUMM COST:** 

\$87,131.70

ACTIVITY LAST 24 HOURS:

DRLG 3230-3534' SURVEY @ 3496' CHANGE KELLY BUSHINGS TIH

DRLG 3534-3795' RS DRLG 3795-3815' POOH FOR BIT RS & BREAK CIRC DRLG 3815-4020'

**DATE: 3/20/97** 

**DEPTH:** 

5018

**ACTIVITY AT REPORT TIME: DRLG** 

**HOURS:** 

23.00

PROGRESS:

998 ft

MW:

9.0

**DAILY COST:** \$21,032.70

**CUMM COST:** 

\$108,164.40

ACTIVITY LAST 24 HOURS:

DRLG 4020-4533' SURVEY 4495' 3/4 DEGS DRLG 4533-4627' RS DRLG 4627-5018'. DB: 4189-237',

4277-97', 4327-46', 4550-61', 4902-11'

**DATE: 3/21/97** 

DEPTH:

5723

**ACTIVITY AT REPORT TIME: DRLG** 

HOURS:

23.00

**PROGRESS:** 

705 ft

MW:

8.9

**DAILY COST:** \$17,616.50

**CUMM COST:** 

\$125,780.90

**ACTIVITY LAST 24 HOURS:** 

DRLG 5018-5248'

SURVEY 5210 1 DEG DRLG 5248-5437'

RS

DRLG 5437-5723'

# WELL CHRONOLOGICAL REPORT

WELL NAME: NBU #263

FIELD NAME:

**COUNTY:** 

RS DRLG 6070-6303'. DB 5871-

AFE#:

26810

OPERATOR: COASTAL OIL & GAS CORP.

SPUD DATE:

WI%:

**DATE: 3/22/97** 

**DEPTH:** 

6303

**ACTIVITY AT REPORT TIME: DRLG** 

**HOURS:** 

23.00

PROGRESS:

580 ft

MW:

8.8

DAILY COST: \$13,390.70 **CUMM COST:** 

\$139,171.60

**ACTIVITY LAST** 

**24 HOURS:** 

DRLG 5723-5810' 5901', 5944-5957'

SURVEY 5772' 1 1/2 DEGS DRLG 5810-6070'

**DATE: 3/23/97** 

**DEPTH:** 

6700

**ACTIVITY AT REPORT TIME: POOH FOR LOGS** 

**HOURS:** 

MW:

18.00

8.7

PROGRESS:

397 ft

**CUMM COST:** 

\$149,383.70

CIRC

ACTIVITY LAST **24 HOURS:** 

RLG 6303-6367' SURVEY 6329' 1 1/2 DEGS DRLG 6367-6600' RS D SHORT TRIP TO 4600' CIRC & SPOT 350 BBL 10# BRINE POOH. SLM. RS DRLG 6600-6700' DRLG 6303-6367'

**DAILY COST:** \$10,212.10

**DATE: 3/24/97** 

**DEPTH:** 

6700

**ACTIVITY AT REPORT TIME: LD DP** 

HOURS:

0.00

**PROGRESS:** 

0 ft

MW:

8.6

**DAILY COST: \$23,244.10** 

**CUMM COST:** 

\$172,627.80

**ACTIVITY LAST** 24 HOURS:

POOH FOR LOGS RU SCHLUMBERGER & RAN PLATFORM EXPRESS. SET DWN @ 5860'. LOGGED OUT TO SURF TIH. TOOK 25,000 WT @ 5860' SPOT 150 BBL 10# BRINE POOH FOR LOGS LOGGED 6658-5860'. MAX TEMP 140 DEGS TIH RU T&M AND LD DP

WELL CHRONOLOGICAL REPORT FIELD NAME: COUNTY: WELL NAME: NBU #263 **OPERATOR:** COASTAL OIL & GAS CORP. SPUD DATE: AFE#: 26810 WI%: **ACTIVITY AT REPORT TIME: DROP PENDING COMPLETION OPERATIONS** DEPTH: 6700 **DATE: 3/25/97** PROGRESS: HOURS: 0.00 \$267,070.10 **CUMM COST:** DAILY COST: \$94,442.30 MW: 0.0 ACTIVITY LAST 24 HOURS: NONE REPORTED **ACTIVITY AT REPORT TIME: CLEAN UP LOCATION** 6700 DEPTH: **DATE: 3/31/97** O ft PROGRESS: HOURS: 0.00 \$267,070.10 **CUMM COST:** \$0.00 0.0 **DAILY COST:** MW: CLEANING UP LOCATION, SETTING SURFACE FACILITIES. **ACTIVITY LAST** 24 HOURS: **ACTIVITY AT REPORT TIME: PREP TO FRAC** DEPTH: 6700 **DATE: 4/1/97** PROGRESS: 0 ft **HOURS:** 0.00 \$273,110.10 DAILY COST: **CUMM COST:** \$6,040.00 MW: 0.0 MIRU SCHLUMBERGER. RAN GR-CCL-CBL FROM LTD @ 5628' TO 1500' W/ 1000 PSI ON CSG. GOOD CMT BOND. TOC @ 1700'. PT CSG & WH TO 5000 PSI - OK. PERF 6550'-6557 & 6568'-6571', 4 SPF W/ 3-3/8" CSG GUN, (NO PRESS CHANGE). PMP INTO PERFS W/ HOT OIL TRUCK, BREAK DN @ 2500 PSI. PMP IN @ 3/4 BPM @ 2000 PSI. RD SCHLUMBERGER. FLUID IN CSG SLIGHT GAS CUT. SDFN **ACTIVITY LAST** 

Page 4

**24 HOURS:** 

## WELL CHRONOLOGICAL REPORT

WELL NAME: NBU #263

FIELD NAME:

COUNTY:

AFF#.

26810

**OPERATOR:** COASTAL OIL & GAS CORP.

SPUD DATE:

WI%:

**DATE: 4/2/97** 

DEPTH:

6700

**ACTIVITY AT REPORT TIME: MIRU WORKOVER RIG** 

**HOURS:** 

0.00

PROGRESS:

Off

MW:

0.0

**DAILY COST:** \$12,390,00

**CUMM COST:** 

\$285,500.10

**ACTIVITY LAST** 24 HOURS:

HEAT & FILTER WTR. MIRU DOWELL FRAC EQUIP. FRAC PERFS 6550'-6557' & 6568'-6571' W/ 8421 GALS YF330 + 61,000# 20/40 SAND (2-6 PPG) + 30% CO2. START FLUSH, PMPD 12 BBLS 15% HCL & 4 BBLS YF330. SCREENED OUT. AVG IR 17 BPM @ 3000 PSI, ISIP 5000 PSI. LEFT APPROX 16,000# SD IN CSG. FLOW BACK 2-3/4 HRS ON 30/64" CHK, REC 90 BW + 15-16,000# SAND. RU SCHLUMBERGER. PERF 5715', 5871', 5881', 5882', 5890'. 4 SPF W/ 3-3/8" CSG GUN (NO PRESS CHANGE). FRAC W/17,783 GALS YF330 + 78,059# 20/40 SAND + 30% CO2. AVG 23 BPM @ 2700 PSI. ISIP 2087 PSI. PERF 5404'-5413', 5419'- 5424', 5430'-5432'. 4 SPF W/ 3-3/8" CSG GUN. PU TO 5365' (TOP OF GUN) GUN STUCK. COULD NOT PULL FREE, PULLED OUT OF ROPE SOCKET. RDMO DOWELL & SCHLUMBERGER. SDFN

**DATE: 4/3/97** 

DEPTH:

6700

**ACTIVITY AT REPORT TIME: SI WO SNUBBING UNIT** 

\$3,320.00

HOURS:

MW:

0.00 0.0 **PROGRESS:** 

DAILY COST:

0 ft

**CUMM COST:** 

\$288,820,10

**ACTIVITY LAST 24 HOURS:** 

SICP 459 PSI. FLOWED 4 HRS ON 6/64" CHK, FCP 500 PSI. MIRU COLORADO WELL SERVICE RIG #65. NU BOP. ATTEMPT TO KILL WELL W/ 100 BBLS 3% KCL WTR. PMPD DN CSG @ 3 BPM @ 1600 PSI. DECREASED TO 1000 PSI AFTER 65 BBLS PMPD, 800 PSI WHEN PMP SHUT DOWN. FLOWED BACK 30 BBLS IN 45 MINS. CP 475 PSI. BLTR 983, RECOVERED 30, 883 BLWTR. SDFN

**DATE: 4/4/97** 

**DEPTH:** 

6700

**ACTIVITY AT REPORT TIME: SNUBBING IN TBG** 

**HOURS:** 

0.00

PROGRESS:

0 ft

MW:

0.0 DAILY COST: \$6,220.00

**CUMM COST:** 

\$295,040.10

**ACTIVITY LAST** 24 HOURS:

SICP 400 PSI. MIRU CUDD SNUBBING UNIT. PU & SNUB IN OVER SHOT, BMPR SUB, FLT SUB, 6' TBG SUB "R" NIPPLE & 30 JTS 2-3/8" TBG. SDFN

# PERC

# WELL CHRONOLOGICAL REPORT

WELL NAME: NBU #263

FIELD NAME:

COUNTY:

AFE#:

26810

**OPERATOR:** COASTAL OIL & GAS CORP.

SPUD DATE:

WI%:

**DATE: 4/5/97** 

**DEPTH:** 

6700

**ACTIVITY AT REPORT TIME: PREP TO SNUB IN PRODUCTION TBG** 

HOURS:

0.00

PROGRESS:
DAILY COST:

0 ft

\$7,940.00

••

\$302,980,10

**ACTIVITY LAST** 24 HOURS: SICP 500 PSI. FINISH SNUBBING IN W/ OS & BMPR SUB. CAUGHT FISH @ 5365'. POOH & LD PERF GUNS & FISHING TOOLS. (PORT PLUG OUT OF CENTER GUN). RU TO SNUB IN PRODUCTION TBG.

SDFN

MW:

**DATE: 4/6/97** 

DEPTH:

6700

**ACTIVITY AT REPORT TIME: WAIT FOR FRAC** 

HOURS:

0.00

PROGRESS:

0 ft

MW:

0.0

**DAILY COST:** \$17,366.00

**CUMM COST:** 

**CUMM COST:** 

\$320,346,10

**ACTIVITY LAST 24 HOURS:** 

PU-RIH COLLER 1 JT, W/ PLUG IN PLACE. SN, 175 JTS. POH. LD 15 JTS. PU BLAST JT & DONUT SNUB INTO TBG SPOOL. RD & RLS CUDD. RD BOP & FRAC VLV. RU TREE. REMOVE PLUG FROM AND OF TBG. RD & RLS CWS, SN @ 4908' KB, EOT 4949' KB. SEND RENTAL EQUIP TO TOWN. BLTR 883 SDFN

-----

**DATE: 4/7/97** 

**DEPTH:** 

6700

**ACTIVITY AT REPORT TIME: RU & PERF STAGE 4** 

HOURS:

0.00

PROGRESS:

0 ft

MW:

0.0 DAILY COST:

\$2,425.00

**CUMM COST:** 

\$322,771.10

**ACTIVITY LAST 24 HOURS:** 

MIRU DOWELL-SCHLUMBERGER. PT LINES TO 6000 PSI. PMP 60 BBLS 3% KCL DOWN CSG UP 2-3/8" TO CLEAR OUT GAS. FRAC STAGE 3 - PMP 96 BBLS PAD, 98,680# 20/40 SD & 510 BBLS GEL & 30% CO2-40 TONS. SPOT 10 BBLS 15% HCL DURING FLUSH OF 48 BBLS. MIRU SCHLUMBERGER. PROBLEMS GETTING GUNS INTO WELL, GUNS MISFIRED 3 TIMES, DECIDED TO TAKE TO TOWN @ 8 PM & RELOAD SAME. BLTR 1599. SDFN

# WELL CHRONOLOGICAL REPORT

WELL NAME: NBU #263 FIELD NAME: COUNTY: 26810 OPERATOR: COASTAL OIL & GAS CORP. SPUD DATE: AFE#: W1%: **DATE: 4/9/97** DEPTH: 6700 **ACTIVITY AT REPORT TIME: FLOW BACK AFTER FRAC** 0.00 PROGRESS: **HOURS: DAILY COST: \$119,990.00 CUMM COST:** \$442,761.10 MW: 0.0 ... THIS DAY'S REPORT IS TWO PAGES. ... . SICP 1500 PSI. RU SCHLUMBERGER. PERF UPPER WASATCH ZONE 5013'-5017', 5022'-5025', 5052'-5058', R SPF W/1-11/16" TBG GUN. (NO PRESS CHANGE) RD SCHLUMBERGER. RU DOWELL, BREAK DN PERFS @ 2300 PSI @ 4 BPM. FRAC W/ 15,120 GALS YF330 + 67,519# + 30% (22 TONS) CO2. AVG IR-17 BPM @ 4800 PSI. ISIP 2000 PSI. 15 MINS - 1873 PSI, 30 MIN 1800 PSI. START FLOW BACK ON 18/64" CHK @ 1:40PM.

TIME. .. . CP .. . CHK . WTR . . SD ... 1:00PM ... 1800. 18/64
1:45PM ... 1500. 18/64 ... . 30 ... HVY ... 3:00PM ... 1600. 18/64 ... 30 ... M-L ... 4:00PM ... 1600. 18/64 ... 30 ... M-L ... 4:00PM ... 1600. 18/64 ... 30 ... M-L ... 4:00PM ... 1600. 18/64 ... 30 ... MFD **ACTIVITY LAST** 24 HOURS: 4:00PM. .1600. 18/64. 5:00PM. .1525. 18/64. ..30. MED ..35. LGT 6:00PM. .1400. 18/64. 7:00PM. .1300. 18/64. 35. . LGT 130. .LGT 8:00PM. .1150. 18/64. 9:00PM. .1175. 18/64. M-H 25. . . 20. . MED 10:00PM. .1050. 18/64. 20. . MED . . 25. . LGT 11:00PM. . .900. 18/64. . 10. LGT 12:00AM. .925. 18/64. 1:00AM. . .800. 18/64. . . . .5. . HVY 2:00AM. . .700. 18/64. ....5. MED ....5. MED 3:00AM. . .650. 18/64. 4:00AM. . .650. 18/64. . . . .5. . LGT 5:00AM. . .650. 18/64. . . . .5. . LGT 6:00AM. . .600. 18/64. . . . .5. . LGT TOTAL 320 BW FLWD 700 MCFPD CO2 & 320 BW, 1279 BLTR **ACTIVITY AT REPORT TIME: FLOW BACK REPORT DATE: 4/10/97 DEPTH:** 6700 **PROGRESS:** HOURS: 0.00 **DAILY COST:** \$0.00 **CUMM COST:** \$442,761.10 MW: 0.0 TIME. . TP. . CHK. .WTR. SD **ACTIVITY LAST** 

24 HOURS:

. 7PM. .600. 18/64. . .4. .LGT 8PM. .600. 18/64. . .5. .L-M 9PM. .600. 18/64. . .5. .LGT 10PM. .600. 18/64. . .6. .LGT 11PM. .550. 18/64. . .7. .LGT 12AM. .550. 18/64. . .4. .L-M 1AM. .550. 18/64. . .4. .LGT 2AM. .550. 18/64. . .4. .LGT 3AM. .550. 18/64. . .5. .LGT 4AM. .525. 18/64. . .5. .TR 5AM. .550. 18/64. . .5. .TR 6AM. .500. 18/64. . .5. .TR

TOTAL 59 BW

FLWD 750 MCFPD & 59 BW, BLTR 1220

# WELL CHRONOLOGICAL REPORT WELL NAME: NBU #263 FIELD NAME: COUNTY: SPUD DATE: 26810 OPERATOR: COASTAL OIL & GAS CORP. AFE#: WI%: **DATE: 4/11/97 DEPTH:** 6700 **ACTIVITY AT REPORT TIME: FLOW BACK REPORT PROGRESS:** 0 ft **HOURS:** 0.00 **DAILY COST:** \$0.00 **CUMM COST:** \$442,761.10 MW: 0.0 TIME. . CP. . TP. . CHK. . WTR. SD . 7PM . 975. 550. 18/64. M2. . LGT . 8PM . 975. 550. 20/64. . . 2. . LGT . WSHD CHK OUT . 9PM.1100. 600. 20/64. . . 2. . LGT . 10PM . 975. 600. 20/64. . . 2. . LGT . 11PM . 975. 550. 20/64. . . 2. . LGT . 12AM.1000. 500. 20/64. . . 2. . LGT . 12AM.1000. 500. 20/64. . . 2. . LGT . 12AM . 950. 600. 20/64. . . 2. . MED . 2AM . 975. 600. 20/64. . . 2. . LGT . 3AM . 950. 625. 20/64. . . 2. . LGT . 3AM . 950. 625. 20/64. . . 2. . LGT . 4AM . 975. 625. 20/64. . . 2. . LGT . 5AM . 975. 600. 20/64. . . 2. . LGT . 5AM . 975. 600. 20/64. . . 2. . TR . 6AM . 975. 600. 20/64. . . 2. . TR . TOTAL 24 BW . TOTAL 24 BW FLWD 1000 MCF & 24 BLW, BLTR 1196 BBLS **ACTIVITY LAST 24 HOURS:**

DATE: 4/12/97 DEPTH: 6700 ACTIVITY AT REPORT TIME: FLOW BACK REPORT

HOURS: 0.00 PROGRESS: 0 ft

MW: 0.0 DAILY COST: \$0.00 CUMM COST: \$442,761.10

ACTIVITY LAST TIME. . CP. . TP. .CHK. .WTR. SD

ACTIVITY LAST
24 HOURS:

TIME. . CP. . TP. . CHK. . WTR. SD
. 7PM . 900. 825. 20/64. . . 2. . LGT
. 8PM . 800. 725. 20/64. . . 2. . TR
. 9PM . 800. 750. 20/64. . . 2. . TR
10PM . 850. 750. 20/64. . . 2. . LGT
11PM . 850. 800. 20/64. . . 2. . LGT
12AM . 850. 800. 20/64. . 1. LGT
. 1AM . 875. 800. 20/64. . 1. LGT
. 2AM . 900. 850. 20/64. . 1. LGT

1AM . 875. 800. 20/64. . . 1. . LGT 2AM . 900. 850. 20/64. . . 1. LGT 3AM . 875. 800. 20/64. . . 1. LGT 4AM . 875. 800. 20/64. . . 1. TR 5AM . 875. 825. 20/64. . 1. LGT 6AM . 875. 825. 20/64. . 1. TR TOTAL 17 BW

FLWD 1200 MCF & 17 BW, BLTR 1179

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### WELL CHRONOLOGICAL REPORT WELL NAME: NBU #263 FIELD NAME: COUNTY: AFE#: 26810 OPERATOR: COASTAL OIL & GAS CORP. SPUD DATE: WI%: **DATE: 4/13/97 DEPTH:** 6700 **ACTIVITY AT REPORT TIME: SET PLUG @ 4885' PROGRESS:** 0 ft HOURS: 0.00 MW: 0.0 **DAILY COST:** \$0.00 **CUMM COST:** \$442,761.10 **ACTIVITY LAST SET TBG PLUG** 24 HOURS: **DATE: 4/14/97** DEPTH: 6700 **ACTIVITY AT REPORT TIME: INSTALL PMP OUT PLUG. RIH TBG PROGRESS: HOURS:** 0.00 0 ft MW: 0.0 DAILY COST: \$12,433.00 **CUMM COST:** \$455,194.10 MIRU COLORADO WELL SERVICE RIG #70. WEATHERFORD FOAMER, CUDD. A BLOW WELL TO FLAT TANK ON 48/64" CHK. WAIT FOR PLUG TO SET IN TBG. MIRU CUTTER WL. RIH 2-3/8" TBG PLUG & SETTING TOOL. SET @ 4885. PMP 10 BBLS AHEAD OF PLUG TO WSH SD FROM TBG. POH. RD & RLS CUTTER. RD TREE. RU BOPS & CUDD. POH & LD DONUT & BLAST SUB. POOH STAND BACK 78 STDS. WELL LD LAST STD IN AM DAYLIGHT. SDFN **ACTIVITY LAST 24 HOURS:**

**DATE: 4/15/97** 

DEPTH:

6700

**ACTIVITY AT REPORT TIME: CONTINUE AIR FOAM CLEAN OUT** 

**HOURS:** 

0.00 PROGRESS:

0 ft

MW:

0.0 D

**DAILY COST:** \$13,430.00

**CUMM COST:** 

\$468,624.10

ACTIVITY LAST 24 HOURS:

LD BTM STD. PU-RIH PUMP OUT PLUG, 1 JT, SN, 77 STDS SNUBBING. PU 38 JTS, TAG SD. RU POWER SWIVEL. START WSHG SD W/FOAM & AIR UNIT. CO TO 6265 MORE/LESS, CIRC 1-1/2 HRS. POOH 3

STDS. SDFN

### WELL CHRONOLOGICAL REPORT WELL NAME: NBU #263 FIELD NAME: **COUNTY:** AFE#: 26810 OPERATOR: COASTAL OIL & GAS CORP. SPUD DATE: WI%: **DATE: 4/16/97** DEPTH: 6700 **ACTIVITY AT REPORT TIME: WELL FLOWING TO PIT UP 4-1/2 ANNULUS** 0.00 **PROGRESS:** HOURS: **DAILY COST: \$14.888.00 CUMM COST:** \$483,512.10 MW: 0.0 RIH TO 6265' TAG, START FOAM CLEAN OUT. WASH TO 6643', CIRC 3 HRS TO CLEAN HOLE. POH TO DART, 10 STDS, REMOVE DART. RIH 8 STDS. INSTALL TBG HANGER. RIH - LAND IN SPOOL. RD & RLS CUDD. RU BOPS, NU TREE. DROP BALL, PUMP OUT PLUG. WELL FLOWING TO TANK TO CLEAN UP, SN @ 6529', EOT @ 6562'. SDFN **ACTIVITY LAST 24 HOURS:** 6700 **ACTIVITY AT REPORT TIME: ON PRODUCTION DATE: 4/17/97 DEPTH: PROGRESS:** 0 ft **HOURS:** 0.00 **CUMM COST:** MW: 0.0 **DAILY COST:** \$0.00 \$483,512.10 **ACTIVITY LAST** PLACED WELL ON PRODUCTION @ 3:15PM, 04/16/97, FLWG 880 MCF, 0 BW, FTP 800 PSI, CP 900 PSI ON 24 HOURS: A 15/64" CHK.

**DATE: 4/18/97** 

DEPTH:

6700

**ACTIVITY AT REPORT TIME: ON PRODUCTION** 

**HOURS:** 

**PROGRESS:** 0.00

MW:

0.0 **DAILY COST:**  \$0.00

**CUMM COST:** \$483,512.10

ACTIVITY LAST 24 HOURS:

FLWG 622 MCF, 30 BW, FTP 850 PSI, CP 950 PSI ON A 15/64" CHK. BLOW TO PIT

WELL CHRONOLOGICAL REPORT WELL NAME: NBU #263 FIELD NAME: COUNTY: **OPERATOR:** COASTAL OIL & GAS CORP. SPUD DATE: AFE#: 26810 WI%: **ACTIVITY AT REPORT TIME: ON PRODUCTION DATE: 4/19/97 DEPTH:** 6700 0.00 **PROGRESS:** 0 ft **HOURS:** MW: 0.0 **DAILY COST:** \$0.00 **CUMM COST:** \$483,512.10 **ACTIVITY LAST** FLWG 1014 MCF, 20 BW, FTP 440#, CP 980# ON 17/64" CHK. 24 HOURS: **ACTIVITY AT REPORT TIME: ON PRODUCTION DATE: 4/20/97 DEPTH:** 6700 **PROGRESS:** 0 ft **HOURS:** 0.00 \$0.00 **CUMM COST:** \$483,512.10 0.0 **DAILY COST:** MW: **ACTIVITY LAST** FLWG 1288 MCF, 36 BW, FTP 720#, CP 890# ON 20/64" CHK. **24 HOURS:** 

**DATE: 4/21/97** 

DEPTH:

6700

**ACTIVITY AT REPORT TIME: ON PRODUCTION** 

HOURS:

0.00

PROGRESS:

0 ft

MW:

0.0 **DAILY COST:**  \$0.00

**CUMM COST:** 

\$483,512.10

**ACTIVITY LAST 24 HOURS:** 

FLWG 1276 MCF, 52 BW, FTP 700#, CP 880# ON 20/64" CHK. . . . . FINAL REPORT

**\TE OF UTAH** DIVISION SOUL, GAS AND MINING 5. Lease Designation and Serial Number: ST U-01194-A 6. If Indian, Allottee or Tribe Name: SUNDRY NOTICES AND REPORTS ON WELLS 7. Unit Agreement Name: Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Natural Buttes Unit Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals. 8. Well Name and Number: Type of Well: **NBU #263** GAS X OTHER: OIL 9. API Well Number: Name of Operator: 43-047-32793 Coastal Oil & Gas Corporation 10. Field and Pool, or Wildcat: Address and Telephone Number: Natural Buttes (303) 573-4455 P.O. Box 749, Denver, CO 80201-0749 Location of Well Uintah 1641' FNL & 1832' FWL County Footages: Utah SE/NW Section 34-T9S-R21E State QQ, Sec., T., R., M.: CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. SUBSEQUENT REPORT NOTICE OF INTENT (Submit Original Form Only) (Submit in Duplicate) **New Construction** Abandon \* **New Construction** Abandon Repair Casing **Pull or Alter Casing** Pull or Alter Casing Repair Casing Perforate Change of Plans Recompletion Change of Plans Vent or Flare Convert to Injection Perforate Convert to Injection Water Shut-Off Fracture Treat or Acidize Fracture Treat or Acidize Vent or Flare Other **Multiple Completion** Water Shut-Off Other Date of work completion Report results of bMultiple CompletionsÇ and bRecompletionsÇ to different reservoirs on WELL upon approval Approximate date work will start COMPLETION OR RECOMPLETION REPORT AND LOG form. Must be accompanied by a cement verification report. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true 12 Operator proposes installing pipeline as shown on attached Topo Map D. DIV. OF OIL, GAS & MITTING

(This space for State use only)

Name & Signature:

Accepted by the Utah Division of Oil, Gas and Mining

04/25/97

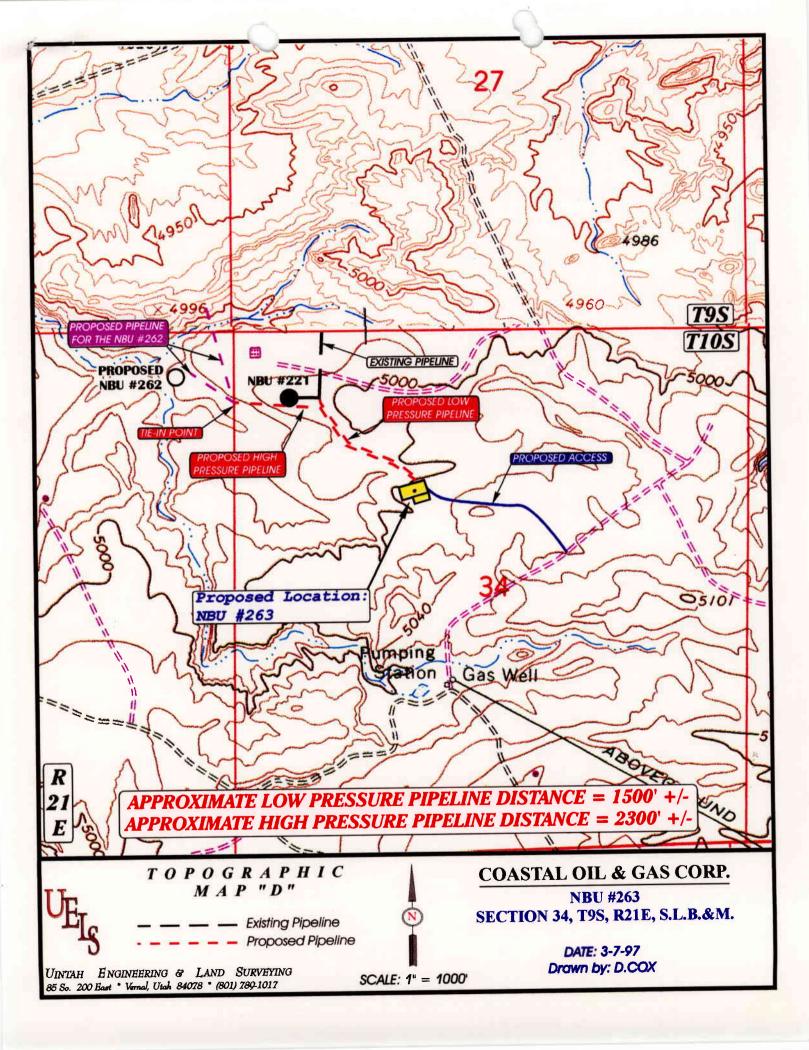
Sheila Bremer

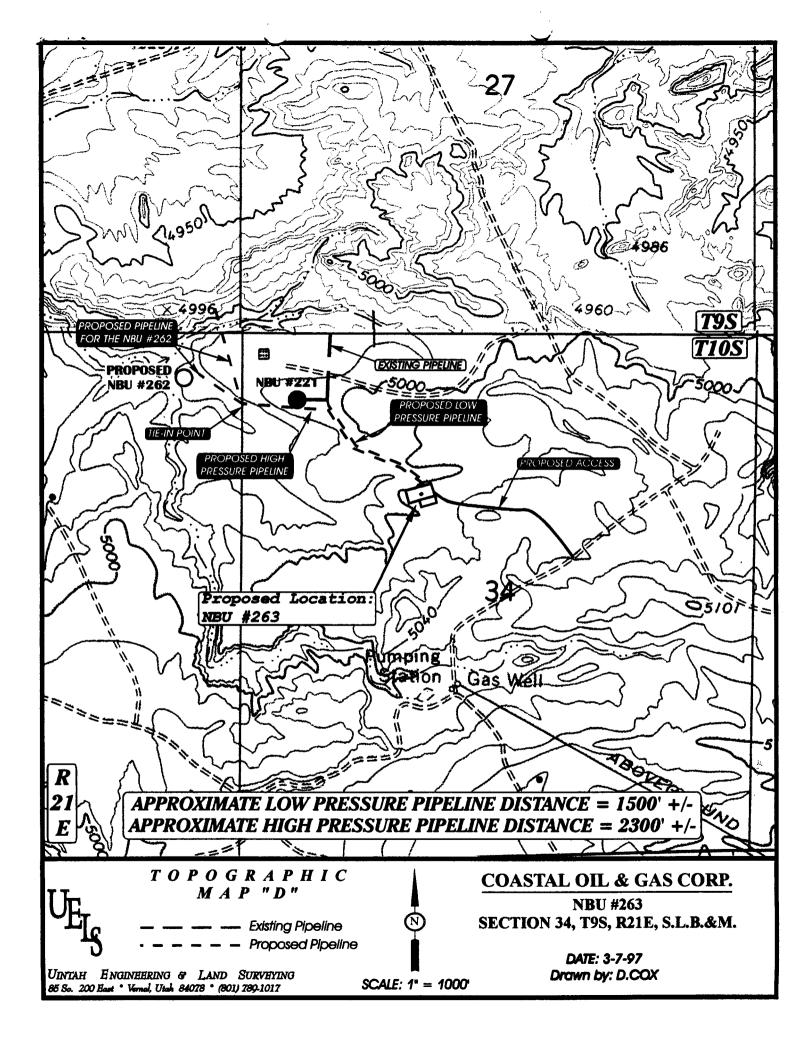
Title Environmental & Safety Analyst

FOR RECORD ONLY

pile Bremer

13.





FORM 9

# TE OF UTAH DIVISION OF OIL, GAS AND MINING

	5. Lease Designation and Serial Number: ST U-01194-A
SUNDRY NOTICES AND REPORTS O	6. If Indian, Allottee or Tribe Name:  N/A
Do not use this form for proposals to drill new wells, deepen existing wells, or to reented Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for si	Ni-to-al Dates I Init
Type of Well:  OIL GAS X OTHER:	8. Well Name and Number: NBU #263
2. Name of Operator: Coastal Oil & Gas Corporation	9. API Well Number: 43-047-32793
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749	(303) 573-4455 10. Field and Pool, or Wildcat: Natural Buttes
4. Location of Well  Footages: 1641' FNL & 1832' FWL  QQ, Sec., T., R., M.: SE/NW Section 34-T9S-R21E	County: <b>Uintah</b> State: <b>Utah</b>
	TE NATURE OF NOTICE, REPORT, OR OTHER DATA
NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
Abandon	Abandon * New Construction  Repair Casing Pull or Alter Casing  Change of Plans Perforate  Convert to Injection Vent or Flare  Fracture Treat or Acidize Water Shut-Off  Other Drilling & completion operations  Date of work completion 4/17/97  Report results of bMultiple CompletionsÇ and bRecompletionsÇ to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.  * Must be accompanied by a cament verification report.
DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and vertical depths for all markers and zones pertinent to this work.)  Please see the attached chronological history for drilling and comp	pletion operations performed on the subject well.    DECEIVE   MAY 0 2 1997   DIV. OF OIL, GAS & MINING
Name & Signature: Duning Comment	Bonnie Carson Title Senior Environmental Analyst Date 04/29/97

(This space for State use only)

Donne

Today's Date:

4/24/97

# WELL CHRONOLOGICAL REPORT

WELL NAME: NBU #263

COUNTY:

AFE#:

: \_ \_ \_ r

26810

**OPERATOR:** COASTAL OIL & GAS CORP.

SPUD DATE:

WI%:

**DATE: 3/16/97** 

**DEPTH:** 

585

**ACTIVITY AT REPORT TIME: DRLG** 

HOURS:

**PROGRESS:** 5.50

FIELD NAME:

316 ft

MW:

8.3

**DAILY COST:** \$10,241.90

**CUMM COST:** 

\$10,241.90

**ACTIVITY LAST 24 HOURS:** 

WO RT MI & RU CAZA #7 PRESS TEST BOP T/2000. HYDRIL & 8 5/8" CSG T/1500. NOTIFIED DAVE HANKFORD UTAH STATE PU BHA DRILL CMT 240-269' DRLG 269-585'. SPUD @ 23:30 3/15/97

**DATE: 3/17/97** 

**DEPTH:** 

1682

**ACTIVITY AT REPORT TIME: SLIP & CUT DRLG LINE** 

HOURS:

MW:

16.50

PROGRESS:

1097 ft

\$31,165.00

**ACTIVITY LAST** 

DRLG SVY

0.0

**DAILY COST:** \$20,923.10

**CUMM COST:** 

24 HOURS:

INSPECT BIT

SERVICE RIG. CHG ROT HEAD RUBBER DRLG RS DRLG KILL AIR TRIP TO CUT DRLG LINE. BIT SLOWED DWN. REASON FOR PULLING & INSPECTING IT.

**DATE: 3/18/97** 

DEPTH:

3230

**ACTIVITY AT REPORT TIME: DRLG** 

**HOURS:** 

20.00

PROGRESS:

1548 ft

MW:

0.0

**DAILY COST:** \$34,402.30

**CUMM COST:** 

\$65,567.30

RS

**ACTIVITY LAST** 24 HOURS:

CUT DRLG LINE TIH & WASH 20' TO BTM DRLG 1682-2031' DRLG 2198-2542' SURVEY DRLG 2542-3230' SURVEY

HIT H2O @ 1488'

SURVEY DRLG 2031-2198'

WELL CHRONOLOGICAL REPORT WELL NAME: NBU #263 FIELD NAME: COUNTY: AFE#: 26810 OPERATOR: COASTAL OIL & GAS CORP. SPUD DATE: WI%: **DATE: 3/19/97 DEPTH:** 4020 **ACTIVITY AT REPORT TIME: DRLG** HOURS: 17.50 **PROGRESS:** 790 ft MW: 8.8 **DAILY COST:** \$21,564.40 **CUMM COST:** \$87,131.70 ACTIVITY LAST 24 HOURS: DRLG 3534-3795' RS DRLG 3795-3815' RS & BREAK CIRC DRLG 3815-4020' DRLG 3230-3534' SURVEY @ 3496' CHANGE KELLY BUSHINGS TIH **POOH FOR BIT** TIH **DATE: 3/20/97 DEPTH:** 5018 **ACTIVITY AT REPORT TIME: DRLG HOURS:** 23.00 PROGRESS: 998 ft MW: 9.0 **DAILY COST:** \$21,032.70 **CUMM COST:** \$108,164.40 DRLG 4020-4533' SURVEY 4495' 3 4277-97', 4327-46', 4550-61', 4902-11' **ACTIVITY LAST** SURVEY 4495' 3/4 DEGS DRLG 4533-4627' RS DRLG 4627-5018'. DB: 4189-237'. **24 HOURS: DATE: 3/21/97 DEPTH:** 5723 **ACTIVITY AT REPORT TIME: DRLG** HOURS: 23.00 PROGRESS: 705 ft MW: 8.9 **DAILY COST:** \$17,616.50 **CUMM COST:** \$125,780.90 ACTIVITY LAST 24 HOURS: DRLG 5018-5248' SURVEY 5210 1 DEG DRLG 5248-5437' RS DRLG 5437-5723'

WELL CHRONOLOGICAL REPORT WELL NAME: NBU #263 FIELD NAME: COUNTY: AFE#: 26810 **OPERATOR:** COASTAL OIL & GAS CORP. SPUD DATE: WI%: **DATE: 3/22/97** DEPTH: 6303 **ACTIVITY AT REPORT TIME: DRLG HOURS: PROGRESS:** 23.00 580 ft MW: 8.8 **DAILY COST:** \$13,390.70 **CUMM COST:** \$139,171.60 **ACTIVITY LAST** DRLG 5723-5810' SURVEY 5772' 1 1/2 DEGS DRLG 5810-6070' RS DRLG 6070-6303', DB 5871-**24 HOURS:** 5901', 5944-5957' **DATE: 3/23/97 DEPTH:** 6700 **ACTIVITY AT REPORT TIME: POOH FOR LOGS HOURS:** 18.00 **PROGRESS:** 397 ft **DAILY COST:** \$10,212.10 MW: 8.7 **CUMM COST:** \$149,383.70 **ACTIVITY LAST** RLG 6303-6367' SURVEY 6329' 1 1/2 DEGS DRLG 6367-6600' RS DRLG 6600-6700' SHORT TRIP TO 4600' CIRC & SPOT 350 BBL 10# BRINE POOH. SLM. DRLG 6303-6367' CIRC **24 HOURS:** 

**DATE: 3/24/97** 

**DEPTH:** 

6700

**ACTIVITY AT REPORT TIME: LD DP** 

**HOURS:** 

0.00 PROGRESS: 0 ft

MW:

**CUMM COST:** 

8.6 **DAILY COST: \$23,244.10** 

\$172,627.80

**ACTIVITY LAST** 24 HOURS:

POOH FOR LOGS RU SCHLUMBERGER & RAN PLATFORM EXPRESS. SET DWN @ 5860'. LOGGED OUT TO SURF TIH. TOOK 25,000 WT @ 5860' SPOT 150 BBL 10# BRINE POOH FOR LOGS LOGGED 6658-5860'. MAX TEMP 140 DEGS TIH RU T&M AND LD DP

PERC		WELL	CHRONOLC	OGICAL REI	PORT	
WELL NAME: NB	J #263		FIELD NAME:		COUNTY:	
<b>AFE#:</b> 268	10		OPERATOR: CO	ASTAL OIL & GA	S CORP. SPUD DA	TE:
WI%:	***			,	785	
<b>DATE:</b> 3/25/97	DEPTH:	6700	ACTIVITY AT F	REPORT TIME: D	ROP PENDING COMPL	ETION OPERATION
	HOURS:	0.00	PROGRESS:	0 ft		
	MW:	0.0	DAILY COST:	\$94,442.30	CUMM COST:	\$267,070.10
ACTIVITY LAST 24 HOURS:	NONE REPORTED					
<b>DATE</b> : 3/31/97	DEPTH:	6700	ACTIVITY AT F	REPORT TIME: C	LEAN UP LOCATION	
	HOURS:	0.00	PROGRESS:	0 ft		
	MW:	0.0	DAILY COST:	\$0.00	CUMM COST:	\$267,070.10
ACTIVITY LAST 24 HOURS:	CLEANING UP LOCAT	ION, SETTI	NG SURFACE FAC	CILITIES.		
<b>DATE</b> : 4/1/97	DEPTH:	6700	ACTIVITY AT R	REPORT TIME: PI	REP TO FRAC	
	HOURS:	0.00	PROGRESS:	0 ft		
	MW:	0.0	DAILY COST:	\$6,040.00	CUMM COST:	\$273,110.10
ACTIVITY LAST 24 HOURS:	MIRU SCHLUMBERGE BOND. TOC @ 1700'. CSG GUN, (NO PRESS @ 3/4 BPM @ 2000 PS	R. RAN GF PT CSG & CHANGE)	R-CCL-CBL FROM WH TO 5000 PSI - . PMP INTO PERF LUMBERGER. FLU	LTD @ 5628' TO OK. PERF 6550' S W/ HOT OIL TR JID IN CSG SLIGI	1500' W/ 1000 PSI ON C 6557 & 6568'-6571', 4 SI RUCK, BREAK DN @ 250 HT GAS CUT. SDFN	SG. GOOD CMT PF W/ 3-3/8" 00 PSI. PMP IN

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# WELL CHRONOLOGICAL REPORT

WELL NAME: NBU #263

FIELD NAME:

COUNTY:

AFE#:

26810

OPERATOR: COASTAL OIL & GAS CORP.

SPUD DATE:

W1%:

**DATE: 4/2/97** 

DEPTH:

6700

**ACTIVITY AT REPORT TIME: MIRU WORKOVER RIG** 

HOURS:

0.00

**PROGRESS:** 

MW:

0.0

**DAILY COST: \$12,390,00** 

**CUMM COST:** 

\$285,500.10

**ACTIVITY LAST** 24 HOURS:

HEAT & FILTER WTR. MIRU DOWELL FRAC EQUIP. FRAC PERFS 6550'-6557' & 6568'-6571' W/ 8421 GALS YF330 + 61,000# 20/40 SAND (2-6 PPG) + 30% CO2. START FLUSH, PMPD 12 BBLS 15% HCL & 4 BBLS YF330. SCREENED OUT. AVG IR 17 BPM @ 3000 PSI, ISIP 5000 PSI. LEFT APPROX 16,000# SD IN CSG. FLOW BACK 2-3/4 HRS ON 30/64" CHK, REC 90 BW + 15-16,000# SAND. RU SCHLUMBERGER. PERF 5715', 5871', 5881', 5882', 5890'. 4 SPF W/ 3-3/8" CSG GUN (NO PRESS CHANGE). FRAC W/17, 783 GALS YF330 + 78,059# 20/40 SAND + 30% CO2. AVG 23 BPM @ 2700 PSI. ISIP 2087 PSI. PERF 5404'-5413', 5419'- 5424', 5430'-5432'. 4 SPF W/ 3-3/8" CSG GUN. PU TO 5365' (TOP OF GUN) GUN STUCK. COULD NOT PULL FREE, PULLED OUT OF ROPE SOCKET. RDMO DOWELL & SCHLUMBERGER. SDFN

**DATE: 4/3/97** 

DEPTH:

6700

**ACTIVITY AT REPORT TIME: SI WO SNUBBING UNIT** 

**HOURS:** 

MW:

0.00

0.0

**PROGRESS: DAILY COST:**  0 ft

\$3,320.00

**CUMM COST:** 

\$288,820.10

**ACTIVITY LAST 24 HOURS:** 

SICP 459 PSI. FLOWED 4 HRS ON 6/64" CHK, FCP 500 PSI. MIRU COLORADO WELL SERVICE RIG #65. NU BOP. ATTEMPT TO KILL WELL W/ 100 BBLS 3% KCL WTR. PMPD DN CSG @ 3 BPM @ 1600 PSI. DECREASED TO 1000 PSI AFTER 65 BBLS PMPD, 800 PSI WHEN PMP SHUT DOWN. FLOWED BACK 30 BBLS IN 45 MINS. CP 475 PSI. BLTR 983, RECOVERED 30, 883 BLWTR. SDFN

**DATE: 4/4/97** 

**DEPTH:** 

6700

**ACTIVITY AT REPORT TIME: SNUBBING IN TBG** 

\$6,220.00

HOURS:

MW:

0.00

0.0

PROGRESS:

DAILY COST:

0 ft

**CUMM COST:** 

\$295,040,10

**ACTIVITY LAST** 24 HOURS:

SICP 400 PSI. MIRU CUDD SNUBBING UNIT. PU & SNUB IN OVER SHOT, BMPR SUB, FLT SUB, 6' TBG SUB "R" NIPPLE & 30 JTS 2-3/8" TBG. SDFN

# WELL CHRONOLOGICAL REPORT

WELL NAME: NBU #263

FIELD NAME:

COUNTY:

AFF#. WI%:

26810

OPERATOR: COASTAL OIL & GAS CORP.

SPUD DATE:

**DATE: 4/5/97** 

**DEPTH:** 

6700

**ACTIVITY AT REPORT TIME: PREP TO SNUB IN PRODUCTION TBG** 

HOURS:

0.00 0.0 **PROGRESS:** 

DAILY COST:

\$7,940.00

**CUMM COST:** 

\$302,980.10

**ACTIVITY LAST** 24 HOURS:

SICP 500 PSI. FINISH SNUBBING IN W/ OS & BMPR SUB. CAUGHT FISH @ 5365'. POOH & LD PERF GUNS & FISHING TOOLS. (PORT PLUG OUT OF CENTER GUN). RU TO SNUB IN PRODUCTION TBG.

MW:

**DATE: 4/6/97** 

DEPTH:

6700

**ACTIVITY AT REPORT TIME: WAIT FOR FRAC** 

HOURS:

0.00

PROGRESS:

0 ft

MW:

0.0

**DAILY COST:** \$17,366.00

**CUMM COST:** 

\$320,346,10

**ACTIVITY LAST** 24 HOURS:

PU-RIH COLLER 1 JT, W/ PLUG IN PLACE. SN, 175 JTS. POH. LD 15 JTS. PU BLAST JT & DONUT SNUB INTO TBG SPOOL. RD & RLS CUDD. RD BOP & FRAC VLV. RU TREE. REMOVE PLUG FROM AND OF TBG. RD & RLS CWS, SN @ 4908' KB, EOT 4949' KB. SEND RENTAL EQUIP TO TOWN. BLTR 883 SDFN

**DATE: 4/7/97** 

**DEPTH:** 

6700

**ACTIVITY AT REPORT TIME: RU & PERF STAGE 4** 

HOURS:

0.00

PROGRESS:

O ft

MW:

0.0

**DAILY COST:** \$2,425.00 **CUMM COST:** 

\$322,771.10

**ACTIVITY LAST** 24 HOURS:

MIRU DOWELL-SCHLUMBERGER. PT LINES TO 6000 PSI. PMP 60 BBLS 3% KCL DOWN CSG UP 2-3/8" TO CLEAR OUT GAS. FRAC STAGE 3 - PMP 96 BBLS PAD, 98,680# 20/40 SD & 510 BBLS GEL & 30% CO2-40 TONS. SPOT 10 BBLS 15% HCL DURING FLUSH OF 48 BBLS. MIRU SCHLUMBERGER. PROBLEMS GETTING GUNS INTO WELL, GUNS MISFIRED 3 TIMES, DECIDED TO TAKE TO TOWN @ 8 PM & RELOAD SAME BITS 1500 SPBM. SAME. BLTR 1599. SDFN

# WELL CHRONOLOGICAL REPORT WELL NAME: NBU #263 FIELD NAME: COUNTY: AFE#: 26810 OPERATOR: COASTAL OIL & GAS CORP. SPUD DATE: WI%: **DATE: 4/9/97** DEPTH: 6700 **ACTIVITY AT REPORT TIME: FLOW BACK AFTER FRAC HOURS:** 0.00 PROGRESS: 0 ft MW: 0.0 **DAILY COST: \$119,990.00 CUMM COST:** \$442,761.10 ... THIS DAY'S REPORT IS TWO PAGES.....SICP 1500 PSI. RU SCHLUMBERGER. PERF UPPER WASATCH ZONE 5013'-5017', 5022'-5025', 5052'-5058', R SPF W/1-11/16" TBG GUN. (NO PRESS CHANGE) RD SCHLUMBERGER. RU DOWELL, BREAK DN PERFS @ 2300 PSI @ 4 BPM. FRAC W/ 15,120 GALS YF330 + 67,519# + 30% (22 TONS) CO2. AVG IR-17 BPM @ 4800 PSI. ISIP 2000 PSI. 15 MINS - 1873 PSI, 30 MIN 1800 PSI. START FLOW BACK ON 18/64" CHK @ 1:40PM. TIME....CP...CHK..WTR..SD 1:00PM..1800. 18/64 1:45PM..1500. 18/64...30. HVY 3:00PM..1600. 18/64...30. M-L 4:00PM..1600. 18/64...30. MFD **ACTIVITY LAST 24 HOURS:** 4:00PM. .1600. 18/64. 5:00PM. .1525. 18/64. 30. . MED 35. . LGT . 6:00PM. .1400. 18/64. . 7:00PM. .1300. 18/64. 35. LGT . 130. LGT 8:00PM. .1150. 18/64. 9:00PM. .1175. 18/64. . . 25. . M-H . . 20. .MED 10:00PM. .1050. 18/64. 11:00PM. ..900. 18/64. . . 20. . MED . . 25. . LGT 12:00AM. . .925. 18/64. . . 10. . LGT . 1:00AM. . .800. 18/64. . . . 5. . HVY 2:00AM. .700. 18/64. ...5. MED 3:00AM. .650. 18/64. ...5. MED 4:00AM. 650. 18/64. .5. LGT 5:00AM. 650. 18/64. .5. LGT 6:00AM. 600. 18/64. .5. LGT TOTAL 320 BW FLWD 700 MCFPD CO2 & 320 BW, 1279 BLTR

**DATE: 4/10/97** 

**DEPTH:** 

6700

**ACTIVITY AT REPORT TIME: FLOW BACK REPORT** 

HOURS:

0.00

PROGRESS:

0 ft

MW:

0.0 DAILY COST: \$0.00

**CUMM COST:** 

\$442,761.10

**ACTIVITY LAST 24 HOURS:** 

TIME. . TP. . CHK. .WTR. SD 7PM. .600. 18/64. . .4. .LGT 8PM. .600. 18/64. . .5. .L-M 9PM. .600. 18/64. . .5. .LGT 10PM. .600. 18/64. . .6. .LGT 11PM. .550. 18/64. . .7. .LGT 12AM. .550. 18/64. . .4. .L-M 1AM. .550. 18/64. . .4. .LGT 2AM. .550. 18/64. . .4. .LGT 3AM. .550. 18/64. . .5. .LGT 4AM. .525. 18/64. . .5. .TR 5AM. .550. 18/64. . .5. .TR 6AM. .500. 18/64. . .5. .TR **TOTAL 59 BW** 

FLWD 750 MCFPD & 59 BW, BLTR 1220

**WELL CHRONOLOGICAL REPORT** WELL NAME: NBU #263 FIELD NAME: COUNTY: AFE#: 26810 **OPERATOR:** COASTAL OIL & GAS CORP. SPUD DATE: WI%: **DATE: 4/11/97** DEPTH: 6700 **ACTIVITY AT REPORT TIME: FLOW BACK REPORT HOURS: PROGRESS:** 0.00 0 ft MW: 0.0 **DAILY COST:** \$0.00 **CUMM COST:** \$442,761.10 **ACTIVITY LAST 24 HOURS:** 12AM.1000. 500. 20/64. . .2. 12AM.1000. 500. 20/64. . 2. LGT .1AM . 950. 600. 20/64. . 2. MED .2AM . 975. 600. 20/64. . 2. LGT .3AM . 950. 625. 20/64. . 2. LGT .4AM . 975. 625. 20/64. . 2. LGT .5AM . 975. 600. 20/64. . 2. TR .6AM . 975. 600. 20/64. . 2. TR .7TOTAL 24 BW FLWD 1000 MCF & 24 BLW, BLTR 1196 BBLS **DATE: 4/12/97 DEPTH:** 6700 **ACTIVITY AT REPORT TIME: FLOW BACK REPORT** HOURS: **PROGRESS:** 0.00 MW: 0.0 DAILY COST: \$0.00 **CUMM COST:** \$442,761.10 TIME. CP. TP. CHK. WTR. SD. 7PM 900. 825. 20/64 . .2. LGT. 8PM 800. 725. 20/64 . .2. TR. 9PM 800. 750. 20/64 . .2. TR. 10PM 850. 750. 20/64 . .2. LGT. 11PM 850. 800. 20/64 . .2. LGT. 12AM 850. 800. 20/64 . .1. LGT. 1AM 875. 800. 20/64 . .1. LGT. 2AM 900. 850. 20/64 . .1. LGT. 2AM 875. 800. 20/64 . .1. LGT. 3AM 875. 800. 20/64 . .1. LGT. 4AM 875. 800. 20/64 . .1. TR. 4AM 875. 800. 20/64 . .1. TR. **ACTIVITY LAST 24 HOURS:** 4AM . 875. 800. 20/64. 5AM . 875. 825. 20/64. . .1. .LGT 6AM . 875. 825. 20/64. . . 1. .TR

TOTAL 17 BW

FLWD 1200 MCF & 17 BW, BLTR 1179

PERC		WELL	CHRONOLO	GICAL REF	PORT	
WELL NAME: NB	J #263		FIELD NAME:		COUNTY:	
AFE#: 268 WI%:	10		OPERATOR: CO	ASTAL OIL & GAS	S CORP. SPUD DA	TE:
DATE: 4/13/97	DEPTH:	6700	ACTIVITY AT R	REPORT TIME: SI	ET PLUG @ 4885'	
	HOURS:	0.00	PROGRESS:	0 ft		
	MW:	0.0	DAILY COST:	\$0.00	CUMM COST:	\$442,761.10
ACTIVITY LAST 24 HOURS:	SET TBG PLUG					
DATE: 4/14/97	DEPTH:	6700	ACTIVITY AT R	EPORT TIME: IN	STALL PMP OUT PLUG	. RIH TBG
	HOURS:	0.00	PROGRESS:	0 ft		
	MW:	0.0	DAILY COST:	\$12,433.00	CUMM COST:	\$455,194.10
ACTIVITY LAST 24 HOURS:	SETTING TOOL SE	K. WAIT FOR T@4885. PN RUBOPS&0	PLUG TO SET IN 1 IP 10 BBLS AHEA CUDD. POH & LD	TBG. MIRU CUTT D OF PLUG TO W	ER, CUDD. A BLOW WE FER WL. RIH 2-3/8" TB( /SH SD FROM TBG. PC SUB. POOH STAND B	G PLUG &
		<b></b>				
<b>DATE: 4/15/97</b>	DEPTH:	6700	ACTIVITY AT R	EPORT TIME: CO	ONTINUE AIR FOAM CL	EAN OUT
	HOURS:	0.00	PROGRESS:	0 ft		
	MW:	0.0	DAILY COST:	\$13,430.00	CUMM COST:	\$468,624.10
ACTIVITY LAST	LD BTM STD. PU-RI	H PUMP OUT	PLUG 1.IT SN 7	7 STDS SNURRIN	IG PU 38 ITS TAG SE	) DII DOWED

24 HOURS:

SWIVEL. START WSHG SD W/FOAM & AIR UNIT. CO TO 6265 MORE/LESS, CIRC 1-1/2 HRS. POOH 3 STDS. SDFN

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PERC		WELL (	CHRONOLO	GICAL REF	PORT	
WELL NAME: NBU #	263	F	TELD NAME:		COUNTY:	
<b>AFE#:</b> 26810		(	OPERATOR: CO	ASTAL OIL & GAS	S CORP. SPUD DAT	TE:
WI%:		- 112				
<b>DATE:</b> 4/16/97	DEPTH:	6700	ACTIVITY AT R	EPORT TIME: W	/ELL FLOWING TO PIT (	JP 4-1/2 ANNULUS
	HOURS:	0.00	PROGRESS:	0 ft		
	MW:	0.0	DAILY COST:	\$14,888.00	CUMM COST:	\$483,512.10
ACTIVITY LAST 24 HOURS:	DART. 10 STDS. 1	REMOVE DART. 5, NU TREE. DRO	RIH 8 STDS INS	TALL TRG HANG	C 3 HRS TO CLEAN HO ER. RIH - LAND IN SPO FLOWING TO TANK TO	
DATE: 4/17/97	DEPTH:	6700	ACTIVITY AT R	EPORT TIME: O	N PRODUCTION	
	HOURS:	0.00	PROGRESS:	0 ft	Noboomon	
	MW:	0.0	DAILY COST:	\$0.00	CUMM COST:	\$483,512.10
ACTIVITY LAST 24 HOURS:	PLACED WELL O A 15/64" CHK.	N PRODUCTION (	<u>@</u> 3:15PM, 04/16/9	97, FLWG 880 M	CF, 0 BW, FTP 800 PSI,	CP 900 PSI ON

**DATE: 4/18/97** 

DEPTH:

6700

**ACTIVITY AT REPORT TIME: ON PRODUCTION** 

**HOURS:** 

0.0

PROGRESS:

MW:

0.00 PROGRES

0 ft \$0.00

CUMM COST:

\$483,512.10

ACTIVITY LAST 24 HOURS:

FLWG 622 MCF, 30 BW, FTP 850 PSI, CP 950 PSI ON A 15/64" CHK. BLOW TO PIT

DAILY COST:

PERC'		WELL	CHRONOLOG	SICAL REF	PORT	
WELL NAME: N	BU #263		FIELD NAME:		COUNTY:	
AFE#: 26	8810		OPERATOR: COAS	TAL OIL & GAS	CORP. SPUD DA	TE:
WI%:		Today.	-			////
<b>DATE: 4</b> /19/97	DEPTH:	6700	ACTIVITY AT RE	PORT TIME: O	N PRODUCTION	
	HOURS:	0.00	PROGRESS:	0 ft		
	MW:	0.0	DAILY COST:	\$0.00	CUMM COST:	\$483,512.10
ACTIVITY LAST 24 HOURS:	FLWG 1014 MCF,	20 BW, FTP 440	)#, CP 980# ON 17/64	" CHK.		
DATE: 4/20/97	DEPTH:	6700	ACTIVITY AT DE			
DATE: 4/20/9/			ACTIVITY AT REI		NPRODUCTION	
	HOURS:	0.00	PROGRESS:	0 ft		
	MW:	0.0	DAILY COST:	\$0.00	CUMM COST :	\$483,512.10
ACTIVITY LAST 24 HOURS:	FLWG 1288 MCF,	36 BW, FTP 720	#, CP 890# ON 20/64	" CHK.		
				<b>-</b> -		
DATE: 4/21/97	DEPTH:	6700	ACTIVITY AT REF	PORT TIME: ON	PRODUCTION	
	HOURS:	0.00	PROGRESS:	0 ft		
	MW:	0.0	DAILY COST:	\$0.00	CUMM COST:	\$483,512.10
ACTIVITY LAST 24 HOURS:	FLWG 1276 MCF,	52 BW, FTP 700	#, CP 880# ON 20/64	" CHK F	NAL REPORT	

## STATE OF UTAH

		DIVISIO	N OF OIL, G	AS AN	ID MINI	NG					I	DESIGN. - 0119		AND SERIAL NO.	
WELL	COMB	ETION	OR RECOM	ADI ET	ION BI	=POE	T AND	110	)G	· · · · · · · · · · · · · · · · · · ·				OR TRIBE NAME	_
	COMP				- IOI N	_F Or	/				N/A				_
1a. TYPE OF WELL:		WEL	L GAS X	C	RY L. (	Other					7. UNIT A			ме es Unit	
b. TYPE OF COMPL NEW (▽)	ETION: WORK I	- DEEF	PLUG	DIF	F. 🗀						Naco	ii ai L	ulle	:5 UII L	
WELL LAJ	OVER	EN	PLUG BACK	RES	IVR. L. C	Other —					8. FARM	OR LEAS	E NAM	E	_
2. NAME OF OPERATOR  Coastal Oil &		rnorati	on								NBU				
3. ADDRESS OF OPE		<u>i poi aci</u>	OII								9. WELL	NO.			
P.O. Box 749,	Denver							<u> 303)</u>	573	3-4455	#263				_
4. LOCATION OF WELL At surface	(Report l	ocation clea	arly and in accordance	e with an	y State requ	irement	s)						-	R WILDCAT ES Field	
1641' FNL & 18			D											.s 1 icia	
At top prod. interval	reported b	olow									11. SEC., AND S	T., R., M URVEY (	OR ARE	LK.	
At total depth					. <u> </u>								4-T	9S-R21E	
				14. API	NO.		DATI	E ISSUE	Ð		12. COUN	ΓY		13. STATE	
	,				<u>047-327</u>			2/23/			Uintah			Utah	
15. DATE SPUDDED 3/5/97	t .	e t.d. reac 23/97	HED 17. DATE C 4/18/			y to pred. or			•	, ккв, кт, с graded			19. EL	EV. CASINGHEAD	
20. TOTAL DEPTH, MD &			BACK T.D., MD & TVI		(Plug	& Abl.)	<del></del>			ERVALS		RY TOOL		CABLE TOOLS	
6.700'	. 140		552		HOW MANY	COM	FLA,	1		LLED BY	ROIA	X 100L	"	CABLE 100LS	
24. PRODUCING INTERVA	AL(S), OF T	HIS COMPLI	ETION - TOP, BOTTOM	, NAME (I	IVT QNA QN	<b>)</b>								WAS DIRECTIONAL	_
6571 F0121	IJ													SURVEY MADE Single Shot	
6571' - 5013'		asatch	······································		·-										
26. TYPE ELECTRIC AND HALS/LDT/CNL/GI			I /GP by	1-0	2 5	. ~ <u>~</u>	<b>~</b> ~				ell Cored	YES		NO X (Submit analysi.	
28.	N/CAL,	CCL/ CD		GRECO		4 all 4	ings set in v	uell)		Drill S	ystem Test	YES	<u> </u>	NO X (See reverse sid	le)
CASING SIZE/GRADE	WE	IGHT, LB./F			•	E SIZE	g. 200 III	, , ,		CEMENTI	NG RECORD	<del></del>		AMOUNT PULLED	
8-5/8", K-55	24#		260'		12-1/4	**		See	att	ached o	chrono	- 3/7	/97		_
4-1/2", N-80	11.6	<del>#</del>	6700'		7-7/8"			See	att	ached o	chrono	- 3/2	5/97		
			INER RECORD					1 0			TUDING	DECO	D.D.		_
SIZE	TOP (M		BOTTOM (MD)	SACKS (	EMENT	SC	REEN (MD)	-34	SIZ	E	TUBING DEPTH SI			PACKER SET (MD)	_
									2-3/	<b>′</b> 8"	6.5	62'			_
31. PERFORATION RECOR 6550-57', 65				E71E'	E071'	32					RE, CEME			TELL.	
•		•					PTH INTERY 50-57'.							- 4/2/97	
5881', 5882'		•					15'-5890		0-11					- 4/2/97	—
5430-32' (4	•			5022-2	25',		)4-32'	<del>,</del>	-					- 4/8/97	_
5052-58' (4	spf/52	holes)				$\overline{}$	13-58'							- 4/9/97	_
33.					RODUCTI	ON									_
DATE FIRST PRODUCTION	i		TION METHOD (Flowi	ng, gas lij	ft, pumping	- size a	nd type of p	итр)			, v	VELL ST / shut-in	.1	Producing or oducing	
4/9/97 DATE OF TEST	HOURS T	Flowi	CHOKE SIZE	PROD'	N. FOR	, OIL-1	nn i	. 6	AS - M		WATER -	BBI		GAS - OIL RATIO	
4/20/97	24	23122	17/64"		PERIOD	0	<b>DDL</b>	1	1288	<b>-1</b> .	36	<b>DDL</b> .	\	AS - OLL RATIO	
FLOW. TUBING PRESS.	CASING	PRESSURE	CALCULATED	OIL - I	BL.	<u> </u>	GAS - MCF.			WATER -	BBL.	10	L GRA	VITY - API (CORR.)	_
720#	890#		24-HOUR RATE	0			1288			36					
34. DISPOSITION OF GAS (	(Sold, used	i for fuel, v	rented, etc.)								TEST WIT	NESSED	вү		
35. LIST OF ATTACHMEN					-					$-\mathbb{N}$	UIE	(	FI	त्रवाणा	, –
Chronological 36. I hereby certify that			Checkinformation is o	ompléte :	nd correct	s detern	nined from	ıll avsi	ilable r	ecords	<del>WF</del>	<u> </u>	70 F	<del>- 4 11  </del>	
Jo. I horovy cordry that	1		900	1800	_ She	eila I	Bremer			! 1	1/1	HIN	ዑደ	4907	
SIGNED	ull		10 venier	<u></u>	ritle Env	riron	menta]	& Sa	rety	Analy	\$T \ '	RYJE	<b>95.</b> /4	/ <b>199</b> 97	_
	See	Spaces fo	or Additional Dat	a on Re	verse Sid	•				***					-
										0	IV. OF	OIL,	GAS	S & MINI!	

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachment.

ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in iten 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data

pertinent to such interval. ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details for any multiple stage cementing and the location of

ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 abo

2 and 24 above).		Top	True Vert.Depth				
n ror items 2	GEOLOGIC MARKERS		Meas. Depth	4774°			
nced (see instruction	38. GEOLO		Name	Wasatch			•
22 and 24 above).	37. SUMMARY OF POROUS ZONES: Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested,cushion used, time tool open, flowing and shut-in pressures, and recoveries).	Description, contents, etc.					•
	porosity and including depth shut-in press	Bottom					
טוועסב טווטר	rous zunes: rtant zones oi stem, tests, i 1, flowing and	Top					
27 CHMMANY OF BOS	Show all impol and all drill-: time tool oper	Formation					•

Today's Date:

6/3/97

# WELL CHRONOLOGICAL REPORT

WELL NAME: NBU #263

FIELD NAME: NATURAL BUTTES

COUNTY:

**UINTAH** 

AFE#:

26810

OPERATOR: COASTAL OIL & GAS CORP.

SPUD DATE:

W1%:

**DATE: 3/7/97** 

DEPTH:

254

**ACTIVITY AT REPORT TIME: CMTG** 

**HOURS:** 

0.00

PROGRESS:

O ft

MW:

0.0

**DAILY COST: \$39,815.80** 

**CUMM COST:** 

\$39.815.80

**ACTIVITY LAST 24 HOURS:** 

RU BILL MARTIN (AIR RIG) 3/5/97. DRILL 260' GL 12 1/4" HOLE 3/7/97. RAN 6 JTS 8 5/8" 24# K55 W/HOWCO SHOE. TOTAL 255.60'. CMT W/HALLIVURTON. PMPD 20 BBL GEL WTR AHEAD OF 190 SX W/2% CACL2, WT 15.6 Y 1.18. DROPPED WOOD PLUG & DISPL W/14 BBL WTR +/- 10 BBL CMT TO PIT. FULL RET. HOLE STAYED FULL. JOB COMPL @ 10:47 AM 3/7/97. SPUD 10:45 3/5/97

**DATE: 3/16/97** 

**DEPTH:** 

585

**ACTIVITY AT REPORT TIME: DRLG** 

HOURS:

MW:

5.50 8.3 PROGRESS:

316 ft

**CUMM COST:** 

\$50,057.70

**ACTIVITY LAST 24 HOURS:** 

WO RT MI & RU CAZA #7 PRESS TEST BOP T/2000. HYDRIL & 8 5/8" CSG T/1500. NOTIFIED DAVE HANKFORD UTAH STATE PU BHA DRILL CMT 240-269' DRLG 269-585'. SPUD @ 23:30 3/15/97

**DAILY COST:** \$10,241.90

**DATE: 3/17/97** 

DEPTH:

1682

**ACTIVITY AT REPORT TIME: SLIP & CUT DRLG LINE** 

HOURS:

16.50

PROGRESS:

1097 ft

MW:

0.0

**DAILY COST: \$20,923.10** 

**CUMM COST:** 

\$70,980.80

**ACTIVITY LAST 24 HOURS:** 

SVY INSPECT BIT SERVICE RIG. CHG ROT HEAD RUBBER DRLG RS DRLG KILL AIR TRIFCUT DRLG LINE. BIT SLOWED DWN. REASON FOR PULLING & INSPECTING IT.

PERC		WELL	CHRONOLOGICAL REPOR	Т
WELL NAME: NBU # AFE#: 26810 WI%:	263		FIELD NAME: NATURAL BUTTES  DPERATOR: COASTAL OIL & GAS COR	COUNTY: UINTAH RP. SPUD DATE:
DATE: 3/18/97	DEPTH: HOURS:	3230 20.00 0.0	ACTIVITY AT REPORT TIME: DRLG PROGRESS: 1548 ft DAILY COST: \$34,402.30	:UMM COST: \$105.383.10
ACTIVITY LAST 24 HOURS:	MW: CUT DRLG LINE T DRLG 2198-2542'	IH & WASH 2	)' TO BTM DRLG 1682-2031' SURVE	• • • • • • • • • • • • • • • • • • •
• • • • • •				
<b>DATE:</b> 3/19/97	DEPTH:	4020	ACTIVITY AT REPORT TIME: DRLG	
	HOURS: MW:	17.50 8.8	PROGRESS: 790 ft  DAILY COST: \$21,564.40 C	<b>:UMM COST :</b> \$126,947.50
ACTIVITY LAST 24 HOURS:	DRLG 3230-3534' S CHANGE KELLY B	SURVEY @ 3 USHINGS	196' DRLG 3534-3795' RS DRLG 3 FIH RS & BREAK CIRC DRLG 3815-	3795-3815' POOH FOR BIT 4020'
DATE: 3/20/97	DEPTH:	5018	ACTIVITY AT REPORT TIME: DRLG	
	HOURS:	23.00	PROGRESS: 998 ft	
	MW:	9.0	DAILY COST: \$21,032.70	<b>SUMM COST:</b> \$147,980.20
ACTIVITY LAST 24 HOURS:	DRLG 4020-4533' \$ 4277-97', 4327-46', 45			DRLG 4627-5018'. DB: 4189-237',

PERC		WELL C	CHRONOLOGICAL REPORT
WELL NAME: NBU #.  AFE#: 26810  WI%:	263		FIELD NAME: NATURAL BUTTES COUNTY: UINTAH  DPERATOR: COASTAL OIL & GAS CORP. SPUD DATE:
DATE: 3/21/97 ACTIVITY LAST 24 HOURS:	DEPTH: HOURS: MW: DRLG 5018-5248'	5723 23.00 8.9 SURVEY 5210	ACTIVITY AT REPORT TIME: DRLG  PROGRESS: 705 ft  DAILY COST: \$17,616.50 CUMM COST: \$165,596.70  1 DEG DRLG 5248-5437' RS DRLG 5437-5723'
DATE: 3/22/97	DEPTH: HOURS: MW:	6303 23.00 8.8	ACTIVITY AT REPORT TIME: DRLG PROGRESS: 580 ft DAILY COST: \$13,390.70 CUMM COST: \$178,987.40
ACTIVITY LAST 24 HOURS:	DRLG 5723-5810' 5901', 5944-5957'	SURVEY 5772'	' 1 1/2 DEGS DRLG 5810-6070' RS DRLG 6070-6303'. DB 5871-
<b>DATE</b> : 3/23/97	DEPTH: HOURS: MW:	6700 18.00 8.7	ACTIVITY AT REPORT TIME: POOH FOR LOGS  PROGRESS: 397 ft  DAILY COST: \$10,212.10 CUMM COST: \$189,199.50
ACTIVITY LAST 24 HOURS:	DRLG 6303-6367' SHORT TRIP TO	SURVEY 6329' 0 4600' CIRC &	' 1 1/2 DEGS DRLG 6367-6600' RS DRLG 6600-6700' CIRC & SPOT 350 BBL 10# BRINE POOH. SLM.

WELL CHRONOLOGICAL REPORT WELL NAME: NBU #263 **FIELD NAME: NATURAL BUTTES** COUNTY: UINTAH AFE#: 26810 OPERATOR: COASTAL OIL & GAS CORP. SPUD DATE: WI%: 6700 **DATE: 3/24/97 DEPTH:** ACTIVITY AT REPORT TIME: LD DP **HOURS:** 0.00 PROGRESS: 0 ft MW: 8.6 **DAILY COST:** \$23,244.10 **CUMM COST:** \$212,443.60 POOH FOR LOGS RU SCHLUMBERGER & RAN PLATFORM EXPRESS. SET DWN @ 5860'. LOGGED OUT TO SURF TIH. TOOK 25,000 WT @ 5860' SPOT 150 BBL 10# BRINE POOH FOR LOGS **ACTIVITY LAST** UT TO SURF TIH. TOOK 25,000 WT @ 5860' SPOT 150 BBL 10# BRINI LOGGED 6658-5860'. MAX TEMP 140 DEGS TIH RU T&M AND LD DP **24 HOURS: DATE: 3/25/97** DEPTH: 6700 **ACTIVITY AT REPORT TIME: RD RT** PROGRESS: 0 ft **HOURS:** 0.00 **DAILY COST:** \$94,442.30 0.0 **CUMM COST:** MW: \$306,885.90 LD DP & DC RU T&M & RUN 156 JTS 4 1/2" 11.6# N80 W/GEMCO FLOAT EQUIP (1 SHOE JT) + 30 CENT EVERY OTHER JT F/TD. TOTAL 6700.70' WASH 30' TO BTM & CIRC RU DOWELL & CMT PMP 10 B GEL 80 B WTR. LEAD 315 SX HILITE G W/5% D20, 2% D70, .75% D112, .2% D46, 5% D44, .2% B71, .2% D65. WT 12, Y 2.66, 149 BBL. TAIL 625 SX SELF STRESS G W/10% 53, .75% B14, .25% D65, .2% D46. WT 14.5, Y 1. 53, 170 BBL. DROP PLUG & DISPL W/15 B ACETIC ACID & 88 B WATER W/2% KCL. 1/1000 F75N & L64. PLUG BUMPED. FLOATS HELD. NO RET. CSG WAS RECP. JOB COMP @ 16:40 3/24/97 SET CSG SLIPS W/75,000. FULL WT. ND & CLEAN PITS. RIG RELEASED @ 20:30 3/24/97 **ACTIVITY LAST 24 HOURS: ACTIVITY AT REPORT TIME: WO COMPLETION TO BEGIN DATE: 3/26/97** DEPTH: 6700 **PROGRESS: HOURS:** 0.00 0 ft MW: 0.0 **DAILY COST:** \$0.00 **CUMM COST:** \$306,885.90 **ACTIVITY LAST** FROM 3/26/97 THROUGH 3/30/97 - WAITING FOR COMPLETION TO BEGIN **24 HOURS:** 

WELL CHRONOLOGICAL REPORT WELL NAME: NBU #263 FIELD NAME: NATURAL BUTTES COUNTY: AFE#: 26810 **OPERATOR:** COASTAL OIL & GAS CORP. SPUD DATE: WI%: **DATE: 3/31/97** DEPTH: 6700 **ACTIVITY AT REPORT TIME: CLEAN UP LOCATION HOURS:** 0.00 PROGRESS: Oft MW: **DAILY COST:** \$0.00 **CUMM COST:** 0.0 **ACTIVITY LAST** CLEANING UP LOCATION, SETTING SURFACE FACILITIES. **24 HOURS: DATE: 4/1/97 DEPTH:** 6700 **ACTIVITY AT REPORT TIME: PREP TO FRAC** PROGRESS: HOURS: 0.00 0 ft

\$6,040.00

**CUMM COST:** 

\$312,925.90

**UINTAH** 

\$306,885.90

**ACTIVITY LAST 24 HOURS:** 

MIRU SCHLUMBERGER. RAN GR-CCL-CBL FROM LTD @ 5628' TO 1500' W/ 1000 PSI ON CSG. GOOD CMT BOND. TOC @ 1700'. PT CSG & WH TO 5000 PSI - OK. PERF 6550'-6557 & 6568'-6571', 4 SPF W/ 3-3/8" CSG GUN, (NO PRESS CHANGE). PMP INTO PERFS W/ HOT OIL TRUCK, BREAK DN @ 2500 PSI. PMP IN @ 3/4 BPM @ 2000 PSI. RD SCHLUMBERGER. FLUID IN CSG SLIGHT GAS CUT. SDFN

**DAILY COST:** 

**DATE: 4/2/97** 

**DEPTH:** 

MW:

6700

**ACTIVITY AT REPORT TIME: MIRU WORKOVER RIG** 

**HOURS:** 

0.00

0.0

PROGRESS:

0 ft

MW:

0.0

**DAILY COST:** \$12,390.00

**CUMM COST:** 

\$325,315.90

**ACTIVITY LAST** 24 HOURS:

HEAT & FILTER WTR. MIRU DOWELL FRAC EQUIP. FRAC PERFS 6550'-6557' & 6568'-6571' W/ 8421 GALS YF330 + 61,000# 20/40 SAND (2-6 PPG) + 30% CO2. START FLUSH, PMPD 12 BBLS 15% HCL & 4 BBLS YF330. SCREENED OUT. AVG IR 17 BPM @ 3000 PSI, ISIP 5000 PSI. LEFT APPROX 16,000# SD IN CSG. FLOW BACK 2-3/4 HRS ON 30/64" CHK, REC 90 BW + 15-16,000# SAND. RU SCHLUMBERGER. PERF 5715', 5871', 5881', 5882', 5890'. 4 SPF W/ 3-3/8" CSG GUN (NO PRESS CHANGE). FRAC W/17,783 GALS YF330 + 78,059# 20/40 SAND + 30% CO2. AVG 23 BPM @ 2700 PSI. ISIP 2087 PSI. PERF 5404'-5413', 5419'- 5424', 5430'-5432'. 4 SPF W/ 3-3/8" CSG GUN. PU TO 5365' (TOP OF GUN) GUN STUCK. COULD NOT PULL FREE, PULLED OUT OF ROPE SOCKET. RDMO DOWELL & SCHLUMBERGER. SDFN

WELL CHRONOLOGICAL REPORT WELL NAME: NBU #263 FIELD NAME: NATURAL BUTTES COUNTY: **UINTAH** AFF#: 26810 **OPERATOR:** COASTAL OIL & GAS CORP. SPUD DATE: WI%: **DATE: 4/3/97 DEPTH:** 6700 **ACTIVITY AT REPORT TIME: SI WO SNUBBING UNIT** PROGRESS: 0 ft HOURS: 0.00 MW: 0.0 **DAILY COST:** \$3,320.00 **CUMM COST:** \$328,635.90 SICP 459 PSI. FLOWED 4 HRS ON 6/64" CHK, FCP 500 PSI. MIRU COLORADO WELL SERVICE RIG #65. NU BOP. ATTEMPT TO KILL WELL W/ 100 BBLS 3% KCL WTR. PMPD DN CSG @ 3 BPM @ 1600 PSI. DECREASED TO 1000 PSI AFTER 65 BBLS PMPD, 800 PSI WHEN PMP SHUT DOWN. FLOWED BACK 30 BBLS IN 45 MINS. CP 475 PSI. BLTR 983, RECOVERED 30, 883 BLWTR. SDFN **ACTIVITY LAST** 24 HOURS: **DATE: 4/4/97** DEPTH: 6700 **ACTIVITY AT REPORT TIME: SNUBBING IN TBG HOURS:** 0.00 **PROGRESS:** 0 ft MW: 0.0 DAILY COST: **CUMM COST:** \$6,220.00 \$334,855,90 **ACTIVITY LAST** SICP 400 PSI. MIRU CUDD SNUBBING UNIT. PU & SNUB IN OVER SHOT, BMPR SUB, FLT SUB, 6' TBG **24 HOURS:** SUB "R" NIPPLE & 30 JTS 2-3/8" TBG. SDFN **DATE: 4/5/97 DEPTH:** 6700 **ACTIVITY AT REPORT TIME: PREP TO SNUB IN PRODUCTION TBG** PROGRESS: O ft HOURS: 0.00 MW: 0.0 **DAILY COST:** \$7,940.00 **CUMM COST:** \$342,795.90 **ACTIVITY LAST** SICP 500 PSI. FINISH SNUBBING IN W/ OS & BMPR SUB. CAUGHT FISH @ 5365'. POOH & LD PERF GUNS & FISHING TOOLS. (PORT PLUG OUT OF CENTER GUN). RU TO SNUB IN PRODUCTION TBG. 24 HOURS:

SDFN

WELL CHRONOLOGICAL REPORT WELL NAME: NBU #263 FIELD NAME: NATURAL BUTTES COUNTY: **UINTAH** 26810 AFE#: OPERATOR: COASTAL OIL & GAS CORP. SPUD DATE: W1%: **DATE: 4/6/97 DEPTH:** 6700 **ACTIVITY AT REPORT TIME: WAIT FOR FRAC** PROGRESS: 0 ft HOURS: 0.00 MW: 0.0 **DAILY COST: \$17,366.00 CUMM COST:** \$360,161.90 PU-RIH COLLER 1 JT, W/ PLUG IN PLACE. SN, 175 JTS. POH. LD 15 JTS. PU BLAST JT & DONUT SNUB INTO TBG SPOOL. RD & RLS CUDD. RD BOP & FRAC VLV. RU TREE. REMOVE PLUG FROM END OF TBG. RD & RLS CWS, SN @ 4908' KB, EOT 4949' KB. SEND RENTAL EQUIP TO TOWN. BLTR 883 SDFN **ACTIVITY LAST** 24 HOURS: **DATE: 4/7/97** DEPTH: 6700 **ACTIVITY AT REPORT TIME: WAITING ON FRAC HOURS:** 0.00 **PROGRESS:** 0 ft MW: 0.0 **DAILY COST:** \$0.00 **CUMM COST:** \$360,161.90 **ACTIVITY LAST** WAITING ON FRAC 24 HOURS: **DATE: 4/8/97 DEPTH:** 6700 **ACTIVITY AT REPORT TIME: RU & PERF STAGE 4** PROGRESS: 0 ft HOURS: 0.00 **DAILY COST:** MW: 0.0 \$2,425.00 **CUMM COST:** \$362,586.90 MIRU DOWELL-SCHLUMBERGER. PT LINES TO 6000 PSI. PMP 60 BBLS 3% KCL DOWN CSG UP 2-3/8" TO CLEAR OUT GAS. FRAC STAGE 3 - PMP 96 BBLS PAD, 98,680# 20/40 SD & 510 BBLS GEL & 30% CO2-40 TONS. SPOT 10 BBLS 15% HCL DURING FLUSH OF 48 BBLS. MIRU SCHLUMBERGER. PROBLEMS GETTING GUNS INTO WELL, GUNS MISFIRED 3 TIMES, DECIDED TO TAKE TO TOWN @ 8 PM & RELOAD **ACTIVITY LAST 24 HOURS:** 

. . . . . . . . . . . . . . . . . .

SAME, BLTR 1599, SDFN

WELL CHRONOLOGICAL REPORT WELL NAME: NBU #263 FIELD NAME: NATURAL BUTTES COUNTY: UINTAH 26810 AFE#: **OPERATOR:** COASTAL OIL & GAS CORP. SPUD DATE: W1%: **DATE: 4/9/97** DEPTH: 6700 **ACTIVITY AT REPORT TIME: FLOW BACK AFTER FRAC** PROGRESS: **HOURS:** 0.00 O ft MW: 0.0 **DAILY COST: \$119,990.00 CUMM COST:** \$482,576.90 ... THIS DAY'S REPORT IS TWO PAGES. ... SICP 1500 PSI. RU SCHLUMBERGER. PERF UPPER WASATCH ZONE 5013'-5017', 5022'-5025', 5052'-5058', R SPF W/1-11/16" TBG GUN. (NO PRESS CHANGE) RD SCHLUMBERGER. RU DOWELL, BREAK DN PERFS @ 2300 PSI @ 4 BPM. FRAC W/ 15,120 GALS YF330 + 67,519# + 30% (22 TONS) CO2. AVG IR-17 BPM @ 4800 PSI. ISIP 2000 PSI. 15 MINS - 1873 PSI, 30 MIN 1800 PSI. START LOW BACK ON 18/64" CHK @ 1:40PM. **ACTIVITY LAST 24 HOURS:** .TIME. . . . CP. . CHK. .WTR. . SD 1:00PM. .1800. 18/64 1:45PM. .1500. 18/64 .OPENED TO TANK 2:00PM. .1300. 18/64 ... 30 ... HVY 3:00PM. .1600. 18/64 ... 30 ... M-L 4:00PM. .1600. 18/64 ... 30 ... MED 5:00PM. .1525. 18/64. 6:00PM. .1400. 18/64. 18/64...35..LGT 18/64...35..LGT 7:00PM. .1300. 8:00PM. .1150. 18/64. . 130. .LGT 18/64. . 25. . M-H 9:00PM. .1175. 18/64. 20. MED 10:00PM. .1050. 18/64. . . 20. . MED 11:00PM. . .900. 18/64. . . 25. . LGT 12:00AM. . .925. 18/64. . . 10. . LGT 1:00AM. . .800. 18/64. . ...5. . HV 2:00AM. . .700. 18/64. . . . .5. . MED 3:00AM. . .650. 18/64. . . . . 5. . MED 4:00AM. . .650. 18/64. . . . .5. . LGT 5:00AM. . .650. 18/64. . . .5. . LGT 6:00AM. . .600. 18/64. . . . .5. . LGT TOTAL 320 BW FLWD 700 MCFPD CO2 & 320 BW. 1279 BLTR **DATE: 4/10/97 DEPTH:** 6700 **ACTIVITY AT REPORT TIME: FLOW BACK REPORT** PROGRESS: 0 ft **HOURS:** 0.00 MW: 0.0 DAILY COST: \$0.00 **CUMM COST:** \$482,576.90 **ACTIVITY LAST** TIME. . TP. . CHK. .WTR. SD **24 HOURS:** 7PM. .600. 18/64. . .4. .LGT 8PM. .600. 18/64. . .5. .L-M 9PM. .600. 18/64. . .5. .LGT 10PM. .600. 18/64. . .6. .LGT 11PM. .550. 18/64. . .7. .LGT 12AM. .550. 18/64. . .4. .L-M . 1AM. .550. 18/64. . .4. .LGT 2AM. .550. 18/64. . .4. .LGT 3AM. .550. 18/64. . .5. .LGT 4AM. .525. 18/64. . .5. .TR 5AM. .550. 18/64. . .5.

Page 8

6AM. .500. 18/64. . .5. .TR

FLWD 750 MCFPD & 59 BW, BLTR 1220

**TOTAL 59 BW** 

PERCY		WELL	CHRONOLOG	SICAL REP	PORT	
WELL NAME: NI AFE#: 26 WI%:	BU #263 8810		FIELD NAME: NATU		COUNTY: S CORP. SPUD DAT	UINTAH TE:
DATE: 4/11/97	DEPTH:	6700	ACTIVITY AT RE	PORT TIME: FL	OW BACK REPORT	
	HOURS:	0.00	PROGRESS:	0 ft		
	MW:	0.0	DAILY COST:	\$0.00	CUMM COST:	\$482,576.90
ACTIVITY LAST 24 HOURS:	TIME CP TP ( . 7PM . 975 . 550. 1 . 8PM . 975 . 550. 2 . 9PM.1100 . 600. 2 . 10PM . 975 . 600. 2 . 11PM . 975 . 550 . 20 . 12AM . 1000 . 500. 2 . 1AM . 950 . 600. 2 . 2AM . 975 . 600. 2 . 3AM . 975 . 625 . 2 . 5AM . 975 . 625 . 2 . 5AM . 975 . 600. 2 . TOTAL 24 BW FLWD 1000 MCF 8	8/64. M2. LGT 0/642. LGT	1196 BBLS			
DATE: 4/12/97	DEPTH:	6700	ACTIVITY AT RE	PORT TIME: FL	OW BACK REPORT	
	HOURS:	0.00	PROGRESS:	0 ft		
	MW:	0.0	DAILY COST:	\$0.00	CUMM COST:	\$482,576.90
ACTIVITY LAST 24 HOURS:	TIME CP TP C . 7PM . 900. 825. 2 . 8PM . 800. 725. 2 . 9PM . 800. 750. 2 . 10PM . 850. 800. 2 . 12AM . 850. 800. 2 . 1AM . 875. 800. 2 . 2AM . 900. 850. 2 . 3AM . 875. 800. 2 . 4AM . 875. 800. 2 . 5AM . 875. 825. 2 . 5AM . 875. 825. 2 . 5AM . 875. 825. 2 . TOTAL 17 BW FLWD 1200 MCF &	0/642. LGT 0/642. TR 0/642. LGT 0/642. LGT 0/641. LGT 0/641. LGT 0/641. LGT 0/641. LGT 0/641. LGT 0/641. TR 0/641. TR	179			No. No.

WELL CHRONOLOGICAL REPORT WELL NAME: NBU #263 FIELD NAME: NATURAL BUTTES COUNTY: **UINTAH** 26810 AFE#: OPERATOR: COASTAL OIL & GAS CORP. SPUD DATE: WI%: **DATE: 4/13/97 DEPTH:** 6700 **ACTIVITY AT REPORT TIME: SET PLUG @ 4885'** PROGRESS: HOURS: 0.00 0 ft MW-0.0 **DAILY COST:** \$2.00 **CUMM COST:** \$482,576.90 **ACTIVITY LAST SET TBG PLUG** 24 HOURS: **DATE: 4/14/97 DEPTH:** 6700 ACTIVITY AT REPORT TIME: INSTALL PMP OUT PLUG. RIH TBG HOURS: 0.00 PROGRESS: O ft **DAILY COST:** \$12,433.00 MW: 0.0 **CUMM COST:** \$495,009.90 MIRU COLORADO WELL SERVICE RIG #70. WEATHERFORD FOAMER, CUDD. A BLOW WELL TO FLAT TANK ON 48/64" CHK. WAIT FOR PLUG TO SET IN TBG. MIRU CUTTER WL. RIH 2-3/8" TBG PLUG & SETTING TOOL. SET @ 4885. PMP 10 BBLS AHEAD OF PLUG TO WSH SD FROM TBG. POH. RD & RLS CUTTER. RD TREE. RU BOPS & CUDD. POH & LD DONUT & BLAST SUB. POOH STAND BACK 78 STDS. WELL LD LAST STD IN AM DAYLIGHT. SDFN **ACTIVITY LAST** 24 HOURS: **DATE: 4/15/97** DEPTH: 6700 **ACTIVITY AT REPORT TIME: CONTINUE AIR FOAM CLEAN OUT HOURS: PROGRESS:** 0.00 0 ft MW: **DAILY COST:** \$13,430.00 0.0 **CUMM COST:** \$508,439.90 LD BTM STD. PU-RIH PUMP OUT PLUG, 1 JT, SN, 77 STDS SNUBBING. PU 38 JTS, TAG SD. RU POWER SWIVEL. START WSHG SD W/FOAM & AIR UNIT. CO TO 6265 MORE/LESS, CIRC 1-1/2 HRS. POOH 3 **ACTIVITY LAST 24 HOURS:** STDS. SDFN

WELL CHRONOLOGICAL REPORT WELL NAME: NBU #263 FIELD NAME: NATURAL BUTTES COUNTY: **UINTAH** 26810 AFE#: OPERATOR: COASTAL OIL & GAS CORP. SPUD DATE: WI%: **DATE: 4/16/97** DEPTH: 6700 **ACTIVITY AT REPORT TIME: WELL FLOWING TO PIT UP 4-1/2 ANNULUS** HOURS: 0.00 PROGRESS: MW: **DAILY COST: \$14,888.00** 0.0 **CUMM COST:** \$523,327.90 RIH TO 6265' TAG, START FOAM CLEAN OUT. WASH TO 6643', CIRC 3 HRS TO CLEAN HOLE. POH TO DART, 10 STDS, REMOVE DART. RIH 8 STDS. INSTALL TBG HANGER. RIH - LAND IN SPOOL. RD & RLS CUDD. RU BOPS, NU TREE. DROP BALL, PUMP OUT PLUG. WELL FLOWING TO TANK TO CLEAN UP, SN @ 6529', EOT @ 6562'. SDFN **ACTIVITY LAST 24 HOURS: DATE: 4/17/97 DEPTH:** 6700 **ACTIVITY AT REPORT TIME: ON PRODUCTION HOURS:** 0.00 PROGRESS: 0 ft MW: 0.0 **DAILY COST:** \$0.00 **CUMM COST:** \$523,327.90 **ACTIVITY LAST 24 HOURS:** PLACED WELL ON PRODUCTION @ 3:15PM, 04/16/97, FLWG 880 MCF, 0 BW, FTP 800 PSI, CP 900 PSI ON A 15/64" CHK. **DATE: 4/18/97 DEPTH:** 6700 **ACTIVITY AT REPORT TIME:** ON PRODUCTION **HOURS:** 0.00 **PROGRESS:** 0 ft **DAILY COST:** MW: 0.0 \$0.00 **CUMM COST:** \$523,327.90 **ACTIVITY LAST** FLWG 622 MCF, 30 BW, FTP 850 PSI, CP 950 PSI ON A 15/64" CHK. BLOW TO PIT 24 HOURS:

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PERC'		WELL	CHRONOLOG	ICAL REF	PORT	
WELL NAME: N AFE#: 20 WI%:	BU #263 6810		FIELD NAME: NATU		COUNTY: S CORP. SPUD DA	UINTAH [E:
DATE: 4/19/97	DEPTH:	6700	ACTIVITY AT RE	PORT TIME: 0	N PRODUCTION	
	HOURS:	0.00	PROGRESS:	O ft		
	MW:	0.0	DAILY COST:	\$0.00	CUMM COST:	\$523,327.90
ACTIVITY LAST 24 HOURS:	FLWG 1014 MC	F, 20 BW, FTP 440	#, CP 980# ON 17/64	" СНК.		
DATE: 4/20/97	DEPTH:	6700	ACTIVITY AT RE	PORT TIME: O	N PRODUCTION	
	HOURS:	0.00	PROGRESS:	0 ft		
	MW:	0.0	DAILY COST:	\$0.00	CUMM COST :	\$523,327.90
ACTIVITY LAST 24 HOURS:	FLWG 1288 MCI	F, 36 BW, FTP 720	#, CP 890# ON 20/64	" CHK.		
				<b>-</b> -		
DATE: 4/21/97	DEPTH:	6700	ACTIVITY AT REI	PORT TIME: O	N PRODUCTION	
	HOURS:	0.00	PROGRESS:	0 ft		
	MW:	0.0	DAILY COST:	\$0.00	CUMM COST:	\$523,327.90
ACTIVITY LAST 24 HOURS:	FLWG 1276 MCF	F, 52 BW, FTP 700	¥, CP 880# ON 20/64	" CHK F	INAL REPORT	
						Marie Santa Carlos

5	TED STATES	43-047-32793
Form 3160-5 (સુર્મe 19મુદ્દ) DEPA	RT OF THE INTERIOR	FORM APPROVED  Budget Bureau No. 1004-0135
The second secon	AU OF LAND MANAGEMENT	Expires: March 31, 1993
•		Lease Designation and Serial No.
	TICES AND REPORTS ON WELLS als to drill or to deepen or reentry to a different reservo	See attached spreadsheet ir. 6. If Indian, Alottee or Tribe Name
Use "APPLICA	ATION FOR PERMIT" - for such proposals	
	The second secon	See attached spreadsheet
	NAMES OF THE PARTY	7. If Unit or CA, Agreement Designation
	UBMIT IN TRIPLICATE	Natural Buttes Unit
1. Type of Well	MAN MODELLE TO THE	8. Well Name and No.
Oil Well X Gas Well 0	Other	See attached spreadsheet
2. Name of Operator		9. API Well No.
Coastal Oil & Gas Corporation	John Harry Commence	See attached spreadsheet
3. Address and Telephone No.	Section 1	10. Field and Pool, Or Exploratory Area
P. O. Box 749, Denver, CO 80201-	-0749 (303) 573-44	
4. Location of Well (Footage, Sec., T., R., M., Or Surve	ey Description)	11. County or Parish, State
See attached spreadsheet		
		Uintah County, Utah
12. CHECK APPROPRIATE	BOX(S) TO INDICATE NATURE OF NOTICE, F	REPORT, OR OTHER DATA
TYPE OF SUBMISSION		OF ACTION
Notice of Intent	Abandonment	Change of Plans
	Recompletion	New Construction
X Subsequent Report	Plugging Back	Non-Routine Fracturing
	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	Other	X Dispose Water
		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
	Clearly state all pertinent details, and give pertinent dates, including estimand true vertical depths for all markets and zones pertinent to this work.)*	ated date of starting any proposed work. If well is directionally
•	, , , , , , , , , , , , , , , , , , ,	
The Operator requests approval to	empty produced water into tanks on the listed location	s The produced water will
	underground injection well NBU #159, located at NE/	
	or requests approval for the presence of small unlined	
	nmediately adjacent to the stock tanks on the listed loc	
	inks at the time of condensate sales. The water will be	-
	osal well. The volume of water to be disposed of at ea	
average of 5 barrels per day on a m	nonthly basis, in conformance with the requirements of	Onshore Order #/.
The listed locations include all well	lls listed in a Request to Dispose Water sundry dated 10	0/11/96, as well as all wells
	97 drilling program in the Natural Buttes field.	
		Accepted by the State
		of Utah Division of
303-625	5-3027	Oil, Gas and Mining
		_ , _ ,
14. I hereby certify that the foregoing is true and correc	( 0 - 100	Date: 12-1-97
Signed	Senior Environmental Analys	10/28/97
Bonnie Carson (This space for Federal or State office use)		
, ,		
APPROVED BY Conditions of approval, if any:	Title	Date
must ment of	hum guidelines	
TWO 18 U.S.C. Seeking 4004 makes in	person knowingly and willfully to make to any department or agency of the	Libited States of Geld States
representations as to any matter within its jurisdiction.	person knowingly and willfully to make to any department or agency of the	ne united States any taise, ficticious or traudulent statements or

Well Name & No.	API No.	Lease Designation	If Indian,	Footages	Qtr/Qtr	Section	Township	Range	Field	County
		& Serial Number	Allottee or							
			Tribe Name							
CIGE #105D-1-10-22E	43-047-31758	U-011336	N/A	842' FNL & 2095' FWL	NENW	1	10	22	Natural Buttes	Uintah
CIGE #114-34-9-21	43-047-31915	ST U-01194-A	N/A	1931' FSL & 535' FEL	NESE	34	9	. 21	Natural Buttes	Uintah
CIGE #118-35-9-22	43-047-32025	U-010954-A	N/A	2116' FSL & 615' FEL	NESE	35	9	22	Natural Buttes	Uintah
CIGE #124-9-9-21	43-047-32045	U-01188	Ute Tribe Surface	1854' FSL & 1819' FEL	NWSE	9	9	21	Natural Buttes	Uintah
CIGE #129-18-9-21	43-047-32043	U-0581	Ute Tribe Surface	928' FNL & 1837' FWL	NENW	18	9	21	Natural Buttes	Uintah
CIGE #130-19-9-21	43-047-32030	U-0581	Ute Tribe Surface	772' FNL & 714' FEL	NENE	19	9	21	Natural Buttes	Uintah
CIGE #140-16-10-21	43-047-31977	ST ML-10755	N/A	380' FNL & 591' FEL	NENE	16	10	21	Natural Buttes	Uintah
CIGE #144-2-10-22	43-047-32022	ST ML-22651	N/A	1501' FNL & 1719' FEL	SWNE	2	10	22	Natural Buttes	Uintal
CIGE #149-8-10-21	43-047-32056	U-01791	N/A	833' FNL & 2011' FEL	NWNE	8	10	21	Natural Buttes	Uintal
CIGE #161-2-10-22	43-047-32168	ST ML-22651	N/A	297' FSL & 1033' FEL	SESE	2	10	22	Natural Buttes	Uintal
CIGE #164-34-9-22		U-0149077	N/A	660' FNL & 1739' FWL	NENW	34	9	22	Natural Buttes	Uintal
CIGE #178-5-10-22		U-01195	N/A	926' FWL & 685' FNL	NWNW	5	10	22	Natural Buttes	Uintal
CIGE #180-16-9-21		ST ML-3141	N/A	333' FSL & 2557' FWL	SESW	16	9	21	Natural Buttes	Uintal
IGE #183-20-9-21	43-047-32656	U-0575	Ute Tribe Surface	1725' FSL & 2386' FEL	SWSE	20	9	21	Natural Buttes	Uinta
CIGE #187-13-10-20	43-047-32607	U-4485	N/A	900' FNL & 2200' FWL	NENW	13	10	20	Natural Buttes	Uinta
CIGE #189-29-9-22	43-047-37863		N/A	1574' FNL & 720' FWL	SWNW	29	9	22	Natural Buttes	Uinta
CIGE #194-1-10-22	43-047-32932	USA U-011336	N/A	2017' FNL & 61' FWL	SWNW	1	10	22	Natural Buttes	Uinta
CIGE #197-7-9-21	43-07-32798	U-0149747	N/A	854' FNL & 2178' FEL	NWNE	7	9	21	Natural Buttes	Uinta
CIGE #198-9-9-21	43-047-32799	U-01188	Ute Tribe Surface	2502' FSL & 772' FEL	NESE	9	9	21	Natural Buttes	Uinta
CIGE #199-14-9-21	43-047-32801	U-01193	Ute Tribe Surface	959' FNL & 1760' FWL	NENW	14	9	21	Natural Buttes	Uinta
CIGE #200-16-9-21	43-047-32802	U-38409	Ute Tribe Surface	1950' FNL & 2500' FWL	SENW	16	9	21	Natural Buttes	Uinta
CIGE #201-18-9-21	43-047-32804	U-0575	Ute Tribe Surface	1814' FNL & 944' FEL	SENE	18	9	21	Natural Buttes	Uinta
CIGE #202-21-9-21	43-047-32805	U-0575	Ute Tribe Surface	785' FSL & 471' FEL	SESE	21	9	21	Natural Buttes	Uinta
CIGE #204-35-9-21	43-047-32794	ML-22582	N/A	2055' FNL & 1604' FEL	SWNE	35	9	21	Natural Buttes	Uinta
CIGE #205-1-10-21	43-047-32795	ML-23612	N/A	2110' FNL & 2607' FEL	SWNE	1	10	21	Natural Buttes	Uinta
CIGE #221-36-9-22	43-047-32868	ML-22650	N/A	550' FSL & 514' FEL	NESW	13	9	21	Natural Buttes	Uinta
CIGE #235-25-9-21	43-047-32858	U-01194-ST	N/A	1900' FSL & 1800' FEL	NWSE	25	9	21	Natural Buttes	Uinta
CIGE #236-34-9-21	43-047-32861	U-01194-A-ST	N/A	428' FSL & 882' FEL	SESE	34	9	21	Natural Buttes	Uinta
CIGE #23-7-10-22	43-047-30333	ST ML-23609	N/A	1573' FNL & 1024' FEL	SENE	7	10	22	Natural Buttes	Uinta
CIGE #25-34-9-22	43-047-30737	U-0149077	N/A	2037' FNL & 1608' FWL	SENW	34	9	22	Natural Buttes	Uinta
CIGE #3-32-9-22	43-047-30320	ST ML-22649	N/A	2270' FNL & 900' FEL	SENE	32	9	22	Natural Buttes	Uinta
CIGE #43-14-10-22	43-047-30491	U-01197-A-ST	N/A	1437' FWL & 1416' FNL	NW	14	10	22	Natural Buttes	Uinta
CIGE #59-21-10-21	43-047-30548	U-02278	N/A	809' FSL & 1081' FWL	swsw	21	10	21	Natural Buttes	Uinta
IGE #6-19-9-21 (GR)	43-047-30356	U-0581	N/A	1122' FSL & 1542' FEL	SWSE	19	9	21	Natural Buttes	Uinta
CIGE #63D-29-9-22P	43-047-30949	U-462	N/A	521' FNL & 977' FWL	NWNW	29	9	22	Natural Buttes	Uinta
CIGE #9-36-9-22	43-047-30419	ST ML-22650	N/A	2090' FSL & 1852' FEL	NWSE	36	9	22	Natural Buttes	Uinta
CIGE #9-30-9-22 CIGE #97D-31-9-22	43-047-31729	U-01530-A-ST	N/A	548' FSL & 907' FEL	SESE	31	9	22	Natural Buttes	Uinta
	43-047-31729	ML-22265	N/A	1794' FNL & 649' FEL	SENE	36	9	21	Natural Buttes	Uinta
Morgan State #10-36 Morgan State #11-36	43-047-32813	ML-22265	N/A	1943' FSL & 1843' FEL	NESW	36	9	21	Natural Buttes	Uinta
	43-047-32814	ML-22265	N/A	1992' FSL & 722' FEL	NESE	36	9	21	Natural Buttes	Uinta
Morgan State #12-36	43-047-32817	ML-22265	N/A	540' FSL & 815' FEL	SESE	36	9	21	Natural Buttes	Uinta
Morgan State #13-36	43-047-32817	ST ML-22265	N/A	900' FNL & 804' FWL	NWNW	36	9	21	Natural Buttes	Uinta
Morgan State #2-36	43-047-32383	ST ML-22265	N/A	1912' FSL & 649' FWL	NWSW	36	9	21	Natural Buttes	Uinta
Morgan State #4-36	43-047-32729		N/A	2100' FSL & 1800' FEL	NWSE	36	9	21	Natural Buttes	Uinta
Morgan State #5-36		ST ML-22265 ML-22265	N/A	650' FNL & 690' FEL	NENE	36	9	21	Natural Buttes	Uinta
Morgan State #8-36	43-047-32812		N/A N/A	1894' FNL & 1978' FEL	SWNE	36	9	21	Natural Buttes	Uinta
Morgan State #9-36	43-047-32815	ML-22265	N/A N/A	1026' FSL & 1011' FWL	SWSW	17	9	21	Natural Buttes	Uinta
NBU #105	43-047-32302	U-0575	N/A N/A	580 FSL & 854' FEL	SESE	34	9	22	Natural Buttes	Uinta
NBU #113	43-047-31931	U-0149077		1700' FNL & 660' FEL	SENE	22	9	20	Natural Buttes	Uinta
NBU #118	43-047-31969	U-5077-B	Ute Tribe Surface				·	22	Natural Buttes	Uinta
NBU #12	43-047-30119	U-461	N/A	1563' FSL & 2328' FEL	NWSE	18	9	1 22	i ratural Duties	Uin

NBU #121	43-047-32086	UTU-01193	Ute Tribe Surface	819' FNL & 2163' FEL	NWNE	13	9	21	Natural Buttes	Uintah
NBU #123	43-047-31974	U-01188	N/A	827' FNL & 916' FWL	NWNW	15	9	21	Natural Buttes	Uintah
NBU #131	43-047-31966	U-0149075	Ute Tribe Surface	1699' FSL & 800' FWL	NWSW	23	9	21	Natural Buttes	Uintah
NBU #134	43-047-32011	U-0576	N/A	138' FSL & 836' FWL	swsw	28	9	21	Natural Buttes	Uintah
NBU #140	43-047-31947	U-01191-A	N/A	1031' FNL & 1879' FEL	NWNE	5	10	22	Natural Buttes	Uintah .
NBU #148	43-047-31983	U-01191	N/A	279' FSL & 2127' FWL	SESW	4	10	22	Natural Buttes	Uintah
NBU #150	43-047-31992	U-01196-B	N/A	2042' FNL & 2002' FWL	SENW	9	10	22	Natural Buttes	Uintah
NBU #152	43-047-31990	U-01196-D	N/A	815' FSL & 754' FEL	SESE	9	10	22	Natural Buttes	Uintah
NBU #153	43-047-31975	ST U-01197-A	N/A	2500' FNL & 974' FWL	SWNW	11	10	22	Natural Buttes	Uintah
NBU #18	43-047-30221	U-025187	N/A	2401' FWL & 2337' FSL	SWNE	10	10	22	Natural Buttes	Uintah
NBU #180	43-047-32113	U-025187	N/A	843' FSL & 2075' FEL	SWSE	10	10	22	Natural Buttes	Uintah
NBU #182	43-047-32162	U-0141315	N/A	1809' FNL & 1519' FWL	SENW	11	9	21	Natural Buttes	Uintah
NBU #185	43-047-32171	U-01191-A	N/A	2132' FNL & 2126' FEL	SWNE	3	10	22	Natural Buttes	Uintah
NBU #187	43-047-32230	U-0149077	N/A	1057' FSL & 2321' FWL	SESW	34	9	22	Natural Buttes	Uintah
NBU #188	43-047-32234	U-01196-C	N/A	699' FWL & 1248' FSL	SWSW	10	10	22	Natural Buttes	Uintah
NBU #189	43-047-32236	U-0149075	Ute Tribe Surface	1551' FWL & 1064' FSL	SESW	23	9	21	Natural Buttes	Uintah
BU #198	43-047-32357	U-010950-A	N/A	2041' FEL & 2107' FSL	NWSE	22	9	21	Natural Buttes	Uintah
ABU #201	43-047-32364	U-0149767	Ute Tribe Surface	2310' FNL & 500' FWL	SWNW	9	9	21	Natural Buttes	Uintah
NBU #206	43-047-32341	U-01196-C	N/A	2209' FNL & 303' FWL	SWNW	10	10	22	Natural Buttes	Uintah
NBU #207	43-047-32329	ST U-01197	N/A	912' FNL & 1685' FWL	NENW	10	10	22	Natural Buttes	Uintah
NBU #208	43-047-32343	U-01191	N/A	790' FSL & 569' FEL	SESE	4	10	22	Natural Buttes	Uintah
NBU #210	43-047-32340	U-01196-C	N/A	1956' FSL & 2060' FWL	NESW	10	10	22	Natural Buttes	Uintah
NBU #216	43-047-32487	U-010950-A	Ute Tribe Surface	1875' FSL & 1665' FWL	NESW	15	9	21	Natural Buttes	Uintah
NBU #223	43-047-32517	U-01194-ST	N/A	514' FNL & 2174' FWL	NENW	26	9	21	Natural Buttes	Uintah
NBU #228	43-047-32636	U-0575	Ute Tribe Surface	660' FSL & 1843' FEL	SWSE	17	9	21	Natural Buttes	Uintah
NBU #229	43-47-32594	U-01191-A	N/A	1019' FNL & 1712' FEL	NWNE	3	10	22	Natural Buttes	Uintah
NBU #230A	43-047-32908	U-01191-A	N/A	1849' FNL & 677' FEL ,	SENE	3	10	22	Natural Buttes	Uintah
NBU #231	43-047-32561	U-01191-A-ST	N/A	966' FNL & 1539' FEL	NWNE	10	10	22	Natural Buttes	Uintah
NBU #252	43-047-32800	U-0141315	Ute Tribal Surface	641' FNL & 1845' FWL	NENW	10	9	21	Natural Buttes	Uintah
NBU #254	43-047-32803	U-0575	Ute Tribal Surface	1840' FNL & 2014' FWL	NESW	17	9	21	Natural Buttes	Uintah
NBU #255	43-047-32806	U-0575	Ute Tribal Surface	642' FSL & 1235' FWL	SESW	21	9	21	Natural Buttes	Uintah
NBU #256	43-047-32807	U-0147566	Ute Tribal Surface	2213' FNL & 2312' FWL	SENW	22	9	21	Natural Buttes	Uintah
NBU #257	43-047-32790	ST U-01194	N/A	1756' FNL & 2150' FWL	SENW	25	9	21	Natural Buttes	Uintah
NBU #258	43-047-32791	ST U-01194	N/A	1880' FNL & 211' FEL	SENE	26	9	21	Natural Buttes	Uintah
NBU #259	43-047-32792	ST U-01194	N/A	2300' FNL & 1850' FEL	SWNE	26	9	21	Natural Buttes	Uintah
NBU #263	43-047-32793	ST U-01194-A	N/A	1641' FNL & 1832' FWL	SENW	34	9	21	Natural Buttes	Uintah
BU #265	43-047-32796	ML-13826	N/A	1953' FSL & 632' FEL	NESE	2	10	21	Natural Buttes	Uintah
NBU #270	43-047-32862	ML-23608	N/A	1963' FNL & 801' FWL	SWNW	13	10	21	Natural Buttes	Uintah
NBU #280	43-047-32865	ML-32935-A	N/A	2596' FSL & 1459' FWL	NESW	31	9	22	Natural Buttes	Uintah
NBU #289	43-047-32910	U-01191	N/A	463' FSL & 2023' FWL	SESW	3	10	22	Natural Buttes	Uintah
NBU #291	43-047-32911	U-1196-D	N/A	457' FNL & 570' FEL	NENE	9	10	22	Natural Buttes	Uintah
NBU #38N2	43-047-30536	U-08512-ST	N/A	1752' FWL & 1768' FSL	CSW	13	10	22	Natural Buttes	Uintah
NBU #80V	43-047-31240	U-0149077	N/A	2042' FSL & 984' FWL	NWSW	34	9	22	Natural Buttes	Uintah
NBU #86J	43-047-31251	U-01191-A	N/A	492' FNL & 722' FEL	NENE	3	10	22	Natural Buttes	Uintah

TE OF UTAH IL, GAS AND MINING, DIVISION Q 5. Lease Designation and Serial Number: ST U-01194-A 6. If Indian, Allottee or Tribe Name: SUNDRY NOTICES AND REPORTS ON WELLS N/A 7. Unit Agreement Name: Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Natural Buttes Unit Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals. 8. Well Name and Number: Type of Well: **NBU #263** GAS X OTHER: OIL 9. API Well Number: Name of Operator: 43-047-32793 Coastal Oil & Gas Corporation 10. Field and Pool, or Wildcat: Address and Telephone Number: Natural Buttes (303) 573-4455 P.O. Box 749, Denver, CO 80201-0749 Location of Well Uintah County: 1641' FNL & 1832' FWL Footages: Utah SE/NW Section 34-T9S-R21E State QQ, Sec., T., R., M.: CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. SUBSEQUENT REPORT NOTICE OF INTENT (Submit Original Form Only) (Submit in Duplicate) **New Construction** Abandon \* **New Construction** Abandon **Pull or Alter Casing** Repair Casing **Pull or Alter Casing** Repair Casing Perforate Change of Plans Recompletion Change of Plans Vent or Flare Convert to Injection Convert to Injection Perforate Water Shut-Off Fracture Treat or Acidize Vent or Flare Fracture Treat or Acidize Other CO, lower tubing Water Shut-Off X **Multiple Completion** Other 12/10/97 Date of work completion Report results of bMultiple CompletionsÇ and bRecompletionsÇ to different reservoirs on WELL Approximate date work will start COMPLETION OR RECOMPLETION REPORT AND LOG form. Must be accompanied by a cement verification report. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) Please see the attached chronological history for work performed on the subject well. DIV. OF OIL, GAS & MINING

(This space for State use only)

Name & Signature:

**Bonnie Carson** 

Title: Senior Environmental Analyst

01/06/98

#### THE COASTAL CORPORATION PRODUCTION REPORT

#### CHRONOLOGICAL HISTORY

**NBU #263** NATURAL BUTTES UNIT **UINTAH COUNTY, UTAH** 

WI: 100%

TD: 6643' Prod csg 41/2" @ 6700'

Perfs: 5013'-6571'

#### CO, Lower Tubing

MIRU Delsco. 1TP 75 psi, ICP 825 psi. IFL 4200' swabbed to PSN (6529). In 3 runs tbg 10/4/97 pressure 0, casing still 825 psi. Pull cups, ran sinker bars to 6610. Shut well in WOO. TC: \$1,235 DC: \$1,235

Page 1

RIH w/free point. MIRU Pennant. ITP 0 psi, 1000 psi casing. Blew down & kill csg w/40 bbls 11/19/97 2% KCL. ND well head, NU BOP, try to pull tbg hanger (stuck). Fill tbg pressure up to 2200 psi. Still stuck. Hanger free, tbg stuck. SIFN. TC: \$2,996

DC: \$2,996

RIH jar on top fish. ITP 0 psi, ICP 700 psi. Kill casing w/80 bbl 2% KCL. RIH w/free point, 11/20/97 100% stuck @ 5890, 70% free @ 5850. Made 4 chem cuts 6362-6173. Both dropped 5952-5780. POOH (SLM) PU overshot, bumper jar, 4 DCS, excelerator. RIH w/179 jts. Latch on fish, jar on fish. Unlatch fish. Pull 10 stds, EOT 4980. SIFN. TC: \$627,974 DC: \$80,217

RIH. 1TP 400, ICP 274. Kill w/20 bbl 2% KCL down each. RIH 10 stds, PU 1 jt latch on, jar 11/21/97 on fish for 3 hrs. Try to get off fish. PU swivels, keep trying. Got off. POOH. LD overshot, PU WP shoe 5 jts washpipe, bumper jar, 4DCs, excelerator. Run in 17 stds 2 3/8 tbg. SIFN. TC: \$636,112 DC: \$8,138

RIH, washover 40' more. IP 250 on both sides. Blow down well trip in hole to 5700'. Rig up 11/22/97 swivel & stripping head, load hole, break circ, washover one jt. Lost 80 bbl. Pull off fish. MIRU air foam unit. Wash over fish f/5760 to 5873, circ & clean up. LD swivel, LD one & pull 28 its. EOT 4963 (shoe). SIFN. TC: \$645,241 DC: \$9,129

RIH, grab fish. ITP 310, ICP 310. Blow down. RIH w/26 jts. PU swivel & 1 jt. Break circ. 11/23/97 Tag sand 5863 (lost 10'). Washover to 5918. Circ clean. Kill tbg 40 bbl. POOH, stand back WP, PU overshot w/2-3/8 grapple & ext bumper jar, 4DCs, accelerator. RIH w/133 jts. Stop above perfs. SIFN.

DC: \$9,838

RIH, wash to fish #2 at 5991. ITP 250, ICP 50 psi. RIH w/48 jts. Tag fish @ 5802'. Note: 11/24/97 had drop 42' hit jar one time. POOH. LD fish redress overshot, RIH. Tag scale 5898'. PU swivel. Start air foam, break circ, clean hole f/5896 to 5907, circ clean. LD swivel, 1 jt. POOH 28 jts. EOT 4994. SIFN @ 5:30 PM. TC: \$670,428 DC: \$15,349

POOH, LD fish #2. ITP 600 psi, cas 450 psi. Blow down. RIH 28 jts. PU swivel and single 11/25/97 break. Circ, wash & ream 5907 to 5991. Grab fish. Pulled 12,000# over circ. Clean up, LD swivel. POOH w/fish #2 pulled 102 jts left. Kill string in well, overshot @ 2809, end of fish 3032. SIFN.

TC: \$680,285 DC: \$9,859

Take Thanksgiving & Friday off. POOH Saturday. 1TP 460, ICP 526. Kill w/60 bbl (40 cas, 11/26/97 20 tbg). POOH. Lay down #2 fish. LD 3-7/8 overshot. PU 3 5/8 overshot. RIH. Tag fill @ 6182'. Hook up air foam unit. Break circ, wash & ream 6182 to 6208. Catch fish. Circ clean hole. Kill well w/40 bbl 2% KCL. POOH, Kill casing w/40 more to pull. DCS & overshot. Pull on out. LD fish #3. Bottom of fish split from dropping, assume top of fish #4 the same. RIH. Opened 30 std, kill string. Will POOH for overshot w/mule shoe guide w/cut right. Shut in for holiday. EOT 1890. Note: #4 fish top 6397'.

TC: \$689,293 DC: \$9,008

11/27/97	Holiday.
11/28/97	Holiday.
11/29/97	RIH, clean to PBTD. ITP and ICP 450. Blow down well, kill w/50 bbl 2% KCL. Pull out of hole, pick up overshot. RIH w/200 jts. Pick up swivel. Tag at 6381'. Break w/r to fish at 6391', jar fish free. POOH. Lay down fish and fishing tools. Kill w/50 more pick up 3 7/8 bit. Run in hole. EOT 4305. SIFN. DC: \$9,550
11/30/97	TIH to spot acid. SITP 0 SICP 550. TIH, tag sand @ 6484. PU stripping head & power swivel. RU air foam unit & break circ. Wash f/6484 to 6619. Circ out sand f/2 hrs. TOOH to top perf. SWI SDFN.
	DC: \$4,910 TC: \$703,753
12/1/97	Prep to spot acid. 5 hrs rig repair, starter bad. Finish TOOH, LD bit & bit sub. TIH w/1-NC, 1jt tbs, 1-SN, 208 jts tbg, 1 tbg hanger. Kill casing w/50 bbls water w/TIH. EOT 6580'. ND
	BOPs, NU tree. RDMO. DC: \$1,453 TC: \$740,661
12/2/97	Swab well. MIRU BJ. Test lines to 3,000 psi. Held ok. Pump 5 bbls 2% KCL water ahead 1050 gals 15% HCL acid w/adds, 25 bbls disp. WO acid f/3 hrs. MIRU Delsco. Made 18 swab
	runs rec 108 bbls. IFL 2500 ft, FFL 2700 ft, FTP 0, FCP 1040. SWI SDFN. DC: \$4,926
12/3/97	Swab on well. Delsco. ITP 70, FTP 0. ICP 1180, FCP 800. IFL 2500, FFL 4000. 14 runs, 84
	bbls. Well flow off and on during the day. Total bbls 114. SIFN. DC: \$1,426
12/4/97	Delsco. ITP 600, ICP 1080, IFL 3200. Blew dn. Made 10 runs, 45 bbls flowed off and on all day 20 bbls. Total 65 bbls. Made sand. Used sand cups. FTP 0, FCP 820. FFL 3200. DC: \$1,426
12/5/97	Flowing to pit. Delsco. ITP 100, ICP 1040, IFL 4000. 8 runs 40 bbls, flowed 30 bbls. Total bbls 70 bbls. FTP 30 FCP 620 FFL 4200. 48/64 choke open to pit, check in the morning. DC: \$1,076
12/6/97	Open to pit on 32/64 choke. Delsco. ITP 50, ICP 480. Open to pit on 48/64 choke. Change to 32/64 choke. TP 150, CP 480. Drop plunger, wouldn't run open back to pit on 32/64 choke.
	10 T's off water. DC: \$490 TC: \$750,005
12/07/97	Flwg 200 MCF, 20 BW, FTP 130#, CP 450#, flow to pit 24 hrs.
12/08/97	Flwg 498 MCF, 56 BW, FTP 106#, CP 380#, 64/64" ck, 24 hrs. LLTR 163 bbls. Back on sales @ 8:00 am 12/8/97.
12/09/97	Flwg 141 MCF, 11 BW, FTP 857#, CP 871#, 64/64" ck, 12 hrs. Dn 12 hrs to tie-in MS compressor. LLTR 152 bbls.
12/10/97	Flwg 520 MCF, 36 BW, FTP 540#, CP 675#, 64/64" ck, 24 hrs. Prior prod: Flwg 3 MCF, 0 BW, FTP 157#, CP 1022#, 30/64" ck, 24 hrs. <b>Final Report.</b>

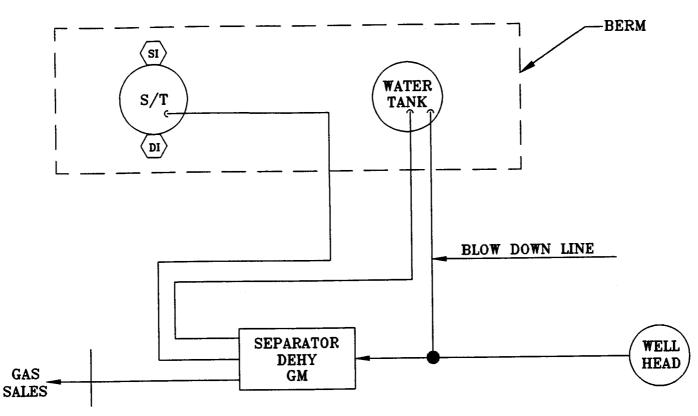
FORM 9	•
FORM 9	•

### TE OF UTAH DIVISION OF OIL, GAS AND MINING

	5. Lease Designation and Serial Number: ST U-01194-A
SUNDRY NOTICES AND RE	PORTS ON WELLS  6. If Indian, Allottee or Tribe Name: N/A
Do not use this form for proposals to drill new wells, deepen existing	NT 4 1 Th 44 TT-44
Use APPLICATION FOR PERMIT TO DRILL OR D	DEEPEN form for such proposals.  Natural Buttes Unit
1. Type of Well:	8. Well Name and Number: NBU #263
	9. API Well Number:
Name of Operator:     Coastal Oil & Gas Corporation	43-047-32793
<ol> <li>Address and Telephone Number:</li> <li>P.O. Box 749, Denver, CO 80201-0749</li> </ol>	(303) 573-4455  10. Field and Pool, or Wildcat: Natural Buttes
4. Location of Well	
Footages: 1641' FNL & 1832' FWL	County: Uintah
GRADUG ALL 24 TOG DOLE	State: Utah
22,000,0,0,0	TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA
NOTICE OF INTENT	SUBSEQUENT REPORT
(Submit in Duplicate)	(Submit Original Form Only)
, , , , ,	Now Construction
Abandon New Cons	
Repair Casing Pull or Alte	
Change of Plans Recomplete	
Convert to Injection Perforate	Convert to Injection Vent or Flare
Fracture Treat or Acidize Vent or Fla	are Fracture Treat or Acidize Water Shut-Off
Multiple Completion Water Shu	t-Off X Other Site Security Plan
Other	
	Date of work completion
Approximate date work will start	Report results of bMultiple CompletionsÇ and bRecompletionsÇ to different reservoirs on WELL
	COMPLETION OR RECOMPLETION REPORT AND LOG form.
	* Must be accompanied by a cement verification report.
DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pervertical depths for all markers and zones pertinent to this work.)  Please see the attached updated site security diagram	for the subject well.
	NOV 1 2 1998  DIV. OF OIL, GAS & MINING
13. Name & Signature: Sheek Fremer	/ Sheila Bremer  Title Environmenal & Safety Analyst Date 11/05/98

(This space for State use only)





This lease is subject to the site security plan for the Natural Buttes Field for Coastal Oil & Gas. The plan is located at: Coastal Oil & Gas Corp. Vernal District Office 1176 East 1500 South Vernal, UT 84078



Coastal Ol & Gas Corporation
A SUBSTRUKT OF THE COASTAL CORPORATION
THE BANKY PORPLE

NBU #263

SE NW SEC. 34 T9S-R21E ST. U-01194-A

F: \WORK\DRAFTING\ACAD\ENG\PRUTCH\CIGE.DWG

### POSITON OF VALVES AND USE OF SEALS DURING PRODUCTION

VALVE	LINE PURPOSE	POSITION	SEAL INSTALLED
D1	Drain	Closed	Yes
S1	Sales	Closed	Yes

### POSITION OF VALVES AND USE OF SEALS DURING SALES

VALVE	LINE PURPOSE	POSITION	SEAL INSTALLED
D1	Drain	Closed	Yes
S1	Sales	Open	No



### United States Department of the Interior

#### **BUREAU OF LAND MANAGEMENT**

Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155

### RECEIVED

JUL 1 2 2001

DIVISION OF OIL, GAS AND MINING

In Reply Refer To: 3106 UTSL-065841 (UT-924)

JUL 1 0 2001-

#### NOTICE

El Paso Production Oil & Gas Company

Oil and Gas

Nine Greenway Plaza

Houston TX 77046-0095

#### Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of <u>Coastal Oil & Gas Corporation</u> into <u>El Paso Production Oil & Gas Company</u> with <u>El Paso Production Oil & Gas Company</u> being the surviving entity.

For our purposes, the name change is recognized effective March 9, 2001.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entitities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from <u>Coastal Oil & Gas Corporation</u> to <u>El Paso Production Oil & Gas Company</u>. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Wyoming and Colorado.

Opolonia L. Abeyta Acting Chief, Branch of Minerals Adjudication

#### Enclosure

1. Exhibit of Leases (1 pp)

cc: Moab Field Office

Vernal Field Office

MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217

(Ste. 1210), Box 145801, SLC UT 84114

Teresa Thompson (UT-922) Joe Incardine (UT-921)

### **Exhibit of Leases**

UTUSL-065841A	UTU-47172	UTU-74415	UTU-53860
UTU-28652	UTU-50687	UTU-74416	UTU-66401
UTU-37943	UTU-52298	UTU-75091	UTU-67868
UTU-44089	UTU-0109054	UTU-75096	UTU-65389
UTU-44090A	UTU-0143511	UTU-75097	UTU-77084
UTU-61263	UTU-0143512	UTU-75673	UTU-61430
UTU-00343	UTU-38401	UTU-76259	UTU-72633
UTU-02651	UTU-38411	UTU-76260	UTU-72650
UTU-02651B	UTU-38418	UTU-76261	UTU-49692
UTU-0142175	UTU-38419	UTU-76493	UTU-57894
UTU-70235	UTU-38420	UTU-76495	UTU-76829
UTU-70406	UTU-38421	UTU-76503	UTU-76830
UTU-74954	UTU-38423	UTU-78228	UTU-76831
UTU-75132	UTU-38424	UTU-78714	
UTU-75699	UTU-38425	UTU-78727	
UTU-76242	UTU-38426	UTU-78734	
UTU-78032	UTU-38427	UTU-79012	
UTU-4377	UTU-38428	UTU-79011	
UTU-4378	UTU-53861	UTU-71694	
UTU-7386	UTU-58097	UTU-00576	
UTU-8344A	UTU-64376	UTU-00647	
UTU-8345	UTU-65222	UTU-01470D	
UTU-8347	UTU-65223	UTU-0136484	
UTU-8621	UTU-66746	UTU-8344	
UTU-14646	UTU-67178	UTU-8346	
UTU-15855	UTU-67549	UTU-8648	
UTU-25880	UTU-72028	UTU-28212	
UTU-28213	UTU-72632	UTU-30289	
UTU-29535	UTU-73009	UTU-31260	
UTU-29797	UTU-73010	UTU-33433	
UTU-31736	UTU-73013	UTU-34711	
UTU-34350	UTU-73175	UTU-46699	
UTU-34705	UTU-73434	UTU-78852	
UTU-37116	UTU-73435	UTU-78853	
UTU-37355	UTU-73444	UTU-78854	
UTU-37573	UTU-73450	UTU-075939	
UTU-38261	UTU-73900	UTU-0149767	
UTU-39223	UTU-74409	UTU-2078	
UTU-40729	UTU-74410	UTU-44426	
UTU-40736	UTU-74413	UTU-49530	
UTU-42469	UTU-74414	UTU-51026	
<del>-</del>			

## STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL GAS AND MINING

	DIVISION OF OIL, GAS AND	MINING		5. LEASE DESIGNATION AND SERIAL NUMBER:
SUNDRY	NOTICES AND REPOR	RTS ON WELL	 .S	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drift n	ew wells, significantly deepen existing wells belonted in the significant of the signific	ow current bottom-hole depth	reenter plugged wells, or to	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL		ER		8. WELL NAME and NUMBER:
OIL WELL	Exhibit "A"			
2. NAME OF OPERATOR:	Production Oil & Co.	c Company		9. API NUMBER:
LI PASC 3. ADDRESS OF OPERATOR:	Production Oil & Gas		PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
	v Vernal STATE Utal	h zip 84078	435-789-4433	·
LOCATION OF WELL FOOTAGES AT SURFACE:			şer . K	COUNTY:
QTR/QTR, SECTION, TOWNSHIP, RAN	GE, MERIDIAN:			STATE: UTAH
11. CHECK APP	ROPRIATE BOXES TO INDIC	CATE NATURE C	F NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION			PE OF ACTION	
NOTICE OF INTENT	ACIDIZE	DEEPEN		REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING	FRACTURE T	REAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	CASING REPAIR NEW CONSTRUCTION		
	CHANGE TO PREVIOUS PLANS	OPERATOR O	CHANGE	TUBING REPAIR
	CHANGE TUBING	PLUG AND A	BANDON	VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME PLUG BACK			WATER DISPOSAL
Date of work completion:	CHANGE WELL STATUS	PRODUCTION	(START/RESUME)	WATER SHUT-OFF
Date of work completion.	COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL.SITE			X OTHER: Name Change
	CONVERT WELL TYPE	RECOMPLET	E - DIFFERENT FORMATION	
	OMPLETED OPERATIONS. Clearly show the merger between Th		- ·	
				Oil & Gas Corporation
has been change	d to El Paso Producti	on Oil & Gas	Company effe	ective March 9, 2001.
	See	Exhibit "A"		
Bond # 400JU070	08			
_ Coast	al Oil & Gas Corporat	ion		
NAME (PLEASE PRINT) John	T Elzner	TITLE	Vice Presi	dent
L 2			06-15-01	
SIGNATURE		DATE	00-10-01	
<del>(/El Pa</del>	so Production Oil & (	Gas Company	en e	
	T Elzner	TITLE	Vice Presi	dent
SIGNATURE		DATE	06-15-01	
This space for State use only	_			RECEIVED

JUN 19 2001

### State of Delaware

#### PAGE

Office of the Secretary of State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.



ILIN 11 2001

DIVISION OF OIL, GAS AND MINING



Warriet Smith Windson Harriet Smith Windson, Secretary of State

AUTHENTICATION: 1061007

DATE: 04-03-01

0610204 8100

010162788

#### CERTIFICATE OF AMENDMENT

OF

### CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION

David L. Siddall Vice President

Attest:

largaret E. Roark, Assistant Secretary

STATE OF DELAWARE SECRETARY OF STATE DIVISION OF CORPORATIONS FILED 11:00 AM 03/09/2001

IUN 19 2001

#### **OPERATOR CHANGE WORKSHEET**

#### ROUTING

06/19/2001

608186-0143

06/21/2001

100011110	
1. GLH	4-KAS
2. CDW✓	5-LP 🗸
3. JLT	6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

X Merger

The operator of the well(s) listed below l	nas changed, effective:	3-09-200	01	_		
FROM: (Old Operator):		<b>TO</b> : ( Ne	w Operator):	·		****
COASTAL OIL & GAS CORPORATION				N OIL & G	AS COMI	PANY
Address: 9 GREENWAY PLAZA STE 2721	EL PASO PRODUCTION OIL & GAS COMPANY Address: 9 GREENWAY PLAZA STE 2721 RM 2975					
				2005		
HOUSTON, TX 77046-0995	···		N, TX 77046-			
Phone: 1-(713)-418-4635		Phone:	1-(832)-676-4	1/21		
Account N0230		Account	N1845			
	CA No.	Unit:	NATURAL 1	BUTTES		
WELL(S)						
	API		SEC TWN	LEASE		WELL
NAME	NO	NO	RNG	TYPE	TYPE	STATUS
NBU 306	43-047-32860	2900	27-09S-21E	STATE	GW	P
NBU 304	43-047-32879	2900	27-09S-21E	STATE	GW	P
NBU 305	43-047-32880	2900	27-09S-21E	STATE	GW	P
NBU 353	43-047-33205	2900	27-09S-21E	STATE	GW	P
NBU CIGE 56-34-9-21	43-047-33530	2900	34-09S-21E	STATE	GW	P
NBU CIGE 87D-34-9-21	43-047-33869	2900	34-09S-21E	STATE	GW	P
NBU 221X	43-047-32545	2900	34-09S-21E	STATE	GW	P
NBU 263	43-047-32793	2900	34-09S-21E	STATE	GW	P
CIGE 236-34-9-21	43-047-32861	2900	34-09S-21E	STATE	GW	P
CIGE 203-34-9-21	43-047-32881	99999	34-09S-21E	STATE	GW	APD
NBU 322	43-047-33203	2900	34-09S-21E	STATE	GW	P
NBU CIGE 28-35-9-21	43-047-33739	2900	35-09S-21E	STATE	GW	P
NBU CIGE 54D-35-9-21	43-047-33851	2900	35-09S-21E	STATE	GW	P
NBU 69	43-047-31090	2900	35-09S-21E	STATE	GW	P
NBU 81V	43-047-31232	2900	35-09S-21E	STATE	GW	P
CIGE 133-35-9-21	43-047-31978	2900	35-09S-21E	STATE	GW	P
CIGE 204-35-9-21	43-047-32794	2900	35-09S-21E	STATE	GW	P
NBU 310	43-047-32882	2900	34-09S-21E	STATE	GW	P
CIGE 239-35-9-21	43-047-33206	2900	35-09S-21E	STATE	GW	P
NBU 10-29B	43-047-30274	2900	29-09S-22E	STATE	GW	P
<b>OPERATOR CHANGES DOCUMENTA</b>	TION					

(R649-8-10) Sundry or legal documentation was received from the NEW operator on:

Is the new operator registered in the State of Utah:

The new company has been checked through the Department of Commerce, Division of Corporations Database on:

YES

Business Number:

5.	If NO, the operator was contacted contacted on:  N/A
6.	Federal and Indian Lease Wells: The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on:  07/10/2001
7.	Federal and Indian Units: The BLM or BIA has approved the successor of unit operator for wells listed on:  07/10/2001
8.	Federal and Indian Communization Agreements ("CA"): The BLM or the BIA has approved the operator change for all wells listed involved in a CA on:  N/A
9.	Underground Injection Control ("UIC")  The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:  N/A
DA	ATA ENTRY:
1.	Changes entered in the Oil and Gas Database on:  07/18/2001
2.	Changes have been entered on the Monthly Operator Change Spread Sheet on: 07/18/2001
3.	Bond information entered in RBDMS on:  N/A
4.	Fee wells attached to bond in RBDMS on:  N/A
SI	TATE BOND VERIFICATION:
1.	State well(s) covered by Bond No.:  400JU0705
F	EDERAL BOND VERIFICATION:
1.	Federal well(s) covered by Bond No.:  N/A
FI	EE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:
	(R649-3-1) The NEW operator of any fee well(s) listed covered by Bond No:  N/A
2.	The <b>FORMER</b> operator has requested a release of liability from their bond on:  The Division sent response by letter on:  N/A  N/A
3.	(R649-2-10) The <b>FORMER</b> operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on:
	LMING: All attachments to this form have been MICROFILMED on:
	LING: ORIGINALS/COPIES of all attachments pertaining to each individual well have been filled in each well file on:
<u>c</u>	OMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso
<u>Pr</u>	oduction Oil and Gas Company shall be retained in the "Operator Change File".
_	
_	
_	

₹,

JAN. 17. 2003 3:34PM

TPORT

NO. 173 P. 2



#### WESTPORT OIL AND GAS COMPANY, L.P.

410 Seventeenth Street #2300 Deriver Colorado 60202-4436 Telephonet 303 573 5404 Fast: 303 573 5609

February 1, 2002

Department of the Interior
Bureau of Land Management
2850 Youngfield Street
Lakewood, CO 80215-7093
Attention: Ms. Martha Maxwell

RE:

BLM Bond CO-1203

BLM Nationwide Bond 158626364 Surety - Continental Casualty Company

Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.

Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.

Assumption Rider - Westport Oil and Gas Company, L.P.

#### Dear Ms. Maxwell:

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (Z) Assumption Riders, fully executed originals.

Copies of Beico Energy Corporation merger into Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas

Company, L.P.
List of all Federal/BIA/State Leases - Beloo/Westport's leases - in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,

Westport Oil and Gas Company, L.P.

Black

Debby J. Black
Bagineer Technician

Encl:



# United States Department of the Interior RECEIVED

#### **BUREAU OF LAND MANAGEMENT**

FEB 2 2 2002

Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155

DIVISION OF OIL, GAS AND MINING

in Reply Refer To: 3106 UTU-25566 et al (UT-924)

FEB 2 1 2002

**NOTICE** 

Westport Oil and Gas Company L.P.

Oil and Gas

410 Seventeenth Street, #2300

•

Denver Colorado 80215-7093

#### Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of <u>Westport Oil</u> and <u>Gas Company, Inc.</u> into <u>Westport Oil</u> and <u>Gas Company, L.P.</u> with <u>Westport Oil</u> and <u>Gas Company, L.P.</u> being the surviving entity.

For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405 UTU-20895 UTU-25566 UTU-43156 UTU-49518 UTU-49519 UTU-49522 UTU-49523

> Robert Lopez Chief, Branch of Minerals Adjudication

Moab Field Office
 Vernal Field Office
 MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217
 State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114
 Teresa Thompson (UT-922)
 Joe Incardine (UT-921)

#### UNITED STATES GOVERNMENT

### memorandun

Branch of Real Estate Services Uintah & Ouray Agency

٠,

Date:

5 December, 2002

Reply to Attn of:

Supervisory Petroleum Engineer

Subject:

Modification of Utah Division of Oil, Gas and Mining Regulations

To:

Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA. and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate you concern, and hope that these comments are timely enough for consideration in the revision process. Clearles H Common

CC:

Minerals & Mining Section of RES

Ute Energy & Mineral Resources Department: Executive Director

chrono



### United States Department of the Interior

BUREAU OF INDIAN AFFAIRS Washington, D.C. 20240 FEB 1 0 2003

Carroll A. Wilson Principal Landman Westport Oil and Gas Company, L.P. 1368 South 1200 East Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

ACTING

Director, Office of Trust Responsibilities

**Enclosure** 



### United States Department of the Interior

#### **BUREAU OF LAND MANAGEMENT**

Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155

IN REPLY REFER TO UT-922

February 27, 2003

Westport Oil and Gas Company, L.P. Attn: Gary D. Williamson 1670 Broadway, Suite 2800 Denver, Colorado 80202

Re:

Natural Buttes Unit Uintah County, Utah

#### Gentlemen:

On February 27, 2003, we received an indenture dated December 17, 2002, whereby El Paso Production Oil & Gas Company resigned as Unit Operator and Westport Oil and Gas Company, L.P., was designated as Successor Unit Operator for the Natural Buttes Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 27, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Natural Buttes Unit Agreement.

Your nationwide (Colorado) oil and gas bond No. 1203 will be used to cover all operations within the Natural Buttes Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely.

/s/ Robert A. Henricks

Robert A. Henricks Chief, Branch of Fluid Minerals

#### **Enclosure**

bcc: Field Manager - Vernal (w/enclosure)

SITLA

Division of Oil, Gas & Mining Minerals Adjudication Group

File - Natural Buttes Unit (w/enclosure)

Agr. Sec. Chron Fluid Chron

UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 2 8 2003

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

	DIVISION OF OIL, GAS AND MI	NING	5. LEASE DESIGNATION AND SERIAL NUMBER:
SUNDRY	NOTICES AND REPORTS	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill n drill horizontal to	ew wells, significantly deepen existing wells below culterals. Use APPLICATION FOR PERMIT TO DRILL	rrent bottom-hole depth, reenter plugged wells, or to form for such proposals.	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL	GAS WELL OTHER		8. WELL NAME and NUMBER:  Exhibit "A"
2. NAME OF OPERATOR:	Production Oil & Gas Company	/	9. API NUMBER:
3. ADDRESS OF OPERATOR:		77064-0995 (832) 676-5933	10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL			00,000
FOOTAGES AT SURFACE:			COUNTY:
QTR/QTR, SECTION, TOWNSHIP, RAN	IGE, MERIDIAN:		STATE: UTAH
11. CHECK APP	ROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
NOTICE OF INTENT	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR
	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL .
(Submit Original Form Only)	1=	PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion:	CHANGE WELL STATUS		
	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	OTHER:
	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	
	Vestport Oil and Gas Company	pertinent details including dates, depths, volum	
BOND #			
State S	urety Bond No. RLB	0005236	
blace b	Fee Bond No. RLB	0005238	OF 1/FD
· · · · · · · · · · · · · · · · · · ·			RECEIVED
EL PASO PRODUCTI	ON OIL & GAS COMPANY		FEB 2 8 2003
	Mil		DIV. OF OIL. GAS & MINING
By: Y Jon R. Welsen, Atto	orney-in-Fact		
WESTPOR'	FOIL AND GAS COMPANY, L.P.	Agent and Attorn	nev-in-Fact
NAME (PLEASE PRINT) David R.	(1.41)		
SIGNATURE	MITTE	DATE	

(This space for State use only)

it is a second of the second o		MAIN 0 7 2003
<ol> <li>I hereby certify that the foregoing is stue and correct Name (Printed/Typed)</li> </ol>		DIV. OF OIL, CAC & MINIM
CHERYL CAMERON	Title OPERATIONS	
( here ( aneum)	Date March 4, 2003	
THIS	BPACE FOR FEDERAL OR STATE U	SE
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice do certify that the applicant holds legal or equinable title to those rights in which would entitle the applicant to conduct operations thereon.	the subject feare	
Title 18 U.S.C. Section 1001, make it a crime for any personal false, fict thious or fraudulent statements or representations as	on knowingly and willfully to make to a	ny department or agency of the United States any
(INSTructions on reverse)		

#### **OPERATOR CHANGE WORKSHEET**

ROUTING
1. GLH
2. CDW
3. FILE

1355743-0181

#### X Change of Operator (Well Sold)

Is the new operator registered in the State of Utah:

5. If NO, the operator was contacted contacted on:

Designation of Agent/Operator

**Operator Name Change** 

Merger

	anged, effective:	12-17-02				
FROM: (Old Operator):		TO: ( New Op				
EL PASO PRODUCTION OIL & GAS COMPANY		WESTPORT C		COMPANY	LP	
Address: 9 GREENWAY PLAZA		Address: P O B	OX 1148			
HOUSTON, TX 77064-0995		VERNAL, UT	84078			
Phone: 1-(832)-676-5933		Phone: 1-(435)	-781-7023			
Account No. N1845		Account No.	N2115			
C	A No.	Unit:	NATURA	L BUTTES		
WELL(S)						
	SEC TWN	API NO	ENTITY		WELL	
NAME	RNG	<u> </u>	NO	TYPE	TYPE	STATUS
NBU 322		43-047-33203		STATE	GW	P
NBU 263		43-047-32793		STATE	GW	P
NBU 439		43-047-34786		STATE	GW	APD
NBU 440	34-09S-21E	43-047-34785	99999	STATE	GW	APD
CIGE 204-35-9-21	35-09S-21E	43-047-32794	2900	STATE	GW	P
NBU 310	35-09S-21E	43-047-32882	2900	STATE	GW	P
CIGE 239-35-9-21	35-09S-21E	43-047-33206	2900	STATE	GW	P
NBU CIGE 28-35-9-21	35-09S-21E	43-047-30739	2900	STATE	GW	P
NBU CIGE 54D-35-9-21	35-09S-21E	43-047-30851	2900	STATE	GW	P
NBU 69N2	35-09S-21E	43-047-31090	2900	STATE	GW	P
NBU 81V	35-09S-21E	43-047-31232	2900	STATE	GW	P
CIGE 115-35-9-21	35-09S-21E	43-047-31918	2900	FEDERAL	GW	P
CIGE 133-35-9-21	35-09S-21E	43-047-31978	2900	STATE	GW	P
NBU 156	35-09S-21E	43-047-32005	2900	FEDERAL	GW	P
CIGE 283	35-09S-21E	43-047-34790	99999	STATE	GW	APD
NBU 441	35-09S-21E	43-047-34791	99999	STATE	GW	APD
NBU 442	35-09S-21E	43-047-34788	99999	STATE	GW	APD
NBU 443	35-09S-21E	43-047-34789	99999	STATE	GW	APD
NBU 33-17B	17-09S-22E	43-047-30396	2900	FEDERAL	GW	P
NBU 48N3	18-09S-22E	43-047-30538	2900	FEDERAL	GW	P

YES

Business Number:

6. (	R649-9-2)Waste Management Plan has been received on: <u>IN PLACE</u>	
7.	Federal and Indian Lease Wells: The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on:  BLM-12/31/2003  BIA-12/5/02	
8.	Federal and Indian Units:  The BLM or BIA has approved the successor of unit operator for wells listed on:  02/27/2003	
9.	Federal and Indian Communization Agreements ("CA"):  The BLM or BIA has approved the operator for all wells listed within a CA on:  N/A	
10	. Underground Injection Control ("UIC") The Division has approved UIC Form 5, Transfer of Authority to Inject for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:  N/A	ect,
<b>D</b> .	ATA ENTRY:  Changes entered in the Oil and Gas Database on:  03/18/2003	
2.	Changes have been entered on the Monthly Operator Change Spread Sheet on: 03/18/2003	
3.	Bond information entered in RBDMS on:  N/A	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
4.	Fee wells attached to bond in RBDMS on:  N/A	
<b>S</b> 7.	State well(s) covered by Bond Number:  RLB 0005236	
<b>F</b> ]	EDERAL WELL(S) BOND VERIFICATION: Federal well(s) covered by Bond Number:  158626364	
In 1.	NDIAN WELL(S) BOND VERIFICATION: Indian well(s) covered by Bond Number:  RLB 0005239	
<b>F</b> .	EE WELL(S) BOND VERIFICATION:  (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number RLB 0005238	
2.	The FORMER operator has requested a release of liability from their bond on:  N/A  The Division sent response by letter on:  N/A	
3.	EASE INTEREST OWNER NOTIFICATION:  (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on:  N/A	
<u>C</u>	OMMENTS:	
_		

Form 3160-5 (August 1999)

TYPE OF SUBMISSION

# UNIT > STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

#### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

Multiple Wells - see attached

6. If Indian, Allottee or Tribe Name

5. Lease Serial No.

SUBMIT IN TRIPLICATE - Other	SUBMIT IN TRIPLICATE - Other instructions on reverse side					
. Type of Well  Oil Well  Gas Well  Other		8. Well Name and No.				
. Name of Operator		Multiple Wells - see attached				
WESTPORT OIL & GAS COMPANY, L.P.		9. API Well No.				
a. Address /	3b. Phone No. (include area code)	Multiple Wells - see attached				
P.O. BOX 1148 VERNAL, UT 84078	(435) 781-	10. Field and Pool, or Exploratory Area				
. Location of Well (Footage, Sec., T., R., M., or Survey Desc	ription)	Natural Buttes Unit				
Multiple Wells - see attached	,	11. County or Parish, State				
<i>♦</i>	· 	Uintah County UT				

Notice of Intent Acidize Deepen Production (Start/Resume) Water Shut-Off Alter Casing Fracture Treat Reclamation Well Integrity Subsequent Report Casing Repair **New Construction** Recomplete Other Change Plans Temporarily Abandon Plug and Abandon Final Abandonment Notice Convert to Injection Plug Back Water Disposal 13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones.

Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF ACTION

testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Westport Oil & Gas requests a variance to Onshore Order No. 4, Part IIIC.a. requiring each sales tank be equipped with a pressure-vacuum thief hatch and/or vent line valve. The variance is requested as an economic analysis shows the value of the shrunk

condensate will not payout the incremental cost of purchasing and maintaining the valve resulting in a loss of value over the producing life of the well.

The volume lost to shrinkage by dropping the tank pressure from 6 ozs. to 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of oringinal volume to 98.52% when the pressure was dropped.

The average NBU well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves and other devices that hold the positive tank pressure. An economic run based on the loss and costs is attached.

Westport Oil & gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

14. I hereby certify that the foregoing is true and correct	1	_
Name (Printed/Typed)		SEP 1 0 2003
J.T. Conley COPY SENT TO OPERATOR Date:	Operations Manager	
Signature Signature Initiate CHO Date	9-2-2003	DIV. OF OIL GAS & MINIO.
THIS SPACE FOR F	EDERAL OR STATE USE by the	LOS This
Approved by	Utah Division of Date	Action is Necessary
Conditions of approval, if any, are attached. Approval of this notice does not warrant or	Office Off, Gas and Muturg	
certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Date: 9/16/03	
Title 18 U.S.C. Section 1001, make it a crime for any person knowingly an	nd millfully to make to any/department or agency	of the United States any
false, fictitious or fraudulent statements or representations as to any matter w	vithin its juristicaon.	•

	00 0 04 CENE	LINER7R	891008900A	43047330090051
NBU 260	28-9-21 SENE 30-9-7 `ENW	U05676 UTU0581	891008900	430473292800S1 V
NBU 261 NBU 262	33-9-2∴ √ENE	UTU0576	891008900	430473292900S1
NBU 263	34-9-21 SENW	U01194	891008900A	43047327930081
NBU 264	1-10-21 SESW	U02842B	891008900A	430473300000S1
NBU 265	2-10-21 NESE	ML13826	891008900A	430473279600S1 🗸
NBU 266	10-10-21 SWNW	UTU0149079	891008900A	430473294100S1
NBU 267	10-10-21 NESW	UTU01416A	891008900A	430473294200S1
NBU 268	11-10-21 NENE	U01190	891008900A	430473300100S1
NBU 269	12-10-21 SWNW	UTU1196D	891008900A	430473347300S1
NBU 270	13-10-21 SWNW	ML23608	891008900A	430473286200S1 🗸
NBU 271	24-10-20 SWNW	UTU4485	891008900A	430473288700S1
NBU 272	11-10-22 SWNE	U01197A	891008900A	430473288900S1 ✓
NBU 273	22-9-21 NWNW	UTU0147566	891008900A	430473290600S1
NBU 274	23-9-21 NESW	UTU149075	891008900A	430473290700S1
NBU 275	9-9-21 NWSW	UTU01188	891008900A	430473290500S1
NBU 277	19-9-22 SENE	UTU0284	891008900A	430473304200\$1
NBU 278	30-9-22 SWSW	U463	891008900A	430473301100S1
NBU 280	31-9-22 NESW	ML22935A	891008900A	430473286500S1 /
NBU 281	32-9-22 SWSW	ML22649	891008900A	430473286600S1 V
NBU 282	32-9-22 NESE	ML22649	891008900A	430473286700S1 430473297600S1
NBU 285	3-10-22 NWNW	UTU01191	891008900A	430473298400S1
NBU 286	3-10-22 SENW	UTU01191	891008900A	430473298500S1
NBU 287	3-10-22 NESE	UTŪ01191A	891008900A 891008900A	430473298600S1
NBU 288	3-10-22 NWSW	UTU01191	891008900A	430473291000S1
NBU 289	3-10-22 SESW	UTU01191	891008900A	430473298700S1
NBU 290	3-10-22 SWSE	UTU01191A	891008900A	430473291100S1
NBU 291	9-10-22 NENE	UTU01196D UTU1196D	891008900A	430473347400S1
NBU 292	9-10-22 SWNE	UTU025187	891008900A	430473318200S1
NBU 293	10-10-22 SENE	UTU0577B	891008900A	430473346500S1
NBU 294X	22-9-20 NENW 12-10-20 SWSW	UTU4478	891008900A	430473293900S1
NBU 295	24-10-20 NWNE	UTU4485	891008900A	430473288600S1
NBU 296	11-9-21 SWNW	UTU0141315	891008900A	430473304000S1
NBU 297	15-9-21 NESW	UTU01188	891008900A	430473304100S1
NBU 298 NBU 299	16-9-21 SWNE	ML3282	891008900A	430473301200S1
NBU 300	21-9-21 NWNW	UTU0576	891008900A	430473302300S1
NBU 300 NBU 301	25-9-21 NWSW	U01194	891008900A	430473285900S1 🗸
NBU 302	26-9-21 SWNW	U01194	891008900A	430473287700S1
NBU 303	26-9-21 SESE	ML22934	891008900A	430473287800S1 ✓
NBU 304	27-9-21 SESE	U01194A	891008900A	430473287900S1 🗸
NBU 305	27-9-21 SWSE	U01194A	891008900A	430473288000S1 🗸
NBU 306	27-9-21 NWNW	U01194A	891008900A	430473286000S1 V
NBU 307	28-9-21 NWNE	U05676	891008900A	430473300700S1
NBU 308	28-9-21 SENW	U05676	891008900A	430473314300S1
NBU 309	30-9-21 NENE	UTU0581	891008900A	430473301000S1
NBU 310	35-9-21 NENW	U01194	891008900A	430473288200S1 V
NBU 311	4-10-22 NESE	UTU01191	891008900A	430473283700S1
NBU 312-E2	2-9-21 SWSE	UTU21510	891008900A	430473228800S1 🗸
NBU 313	4-10-22 NENW	UTU01191A	891008900A	430473283800S1 430473387900S1
NBU 315	11-9-21 SENE	UTU0141317	891008900A	430473441300S1
NBU 316	11-9-21 SWNE	UTU0141317	891008900A 891008900A	430473392100S1
NBU 317	13-9-21 NENE	U-01193	891008900A	430473388000S1
NBU 318	13-9-21 SWNE	UTU01193	891008900A	430473320100S1
NBU 320	25-9-21 NWNW	U01189 U0119 <del>4</del>	891008900A	430473320200S1 ✓
NBU 321	26-9-21 SWSW	U01994	891008900A	430473320300S1 ✓
NBU 322	34-9-21 SESW 30-9-22 NENE	U-463	891008900A	430473405000S1
NBU 323	31-9-22 NESW	ML22935A	891008900A	430473320400S1 V
NBU 326	31-9-22 NESVV 33-9-22 SWSE	UTU01191	891008900A	430473373500S1
NBU 327 NBU 329	1-10-21 NESW	UTU02842B	891008900A	430473322700S1
NBU 329 NBU 330	3-10-21 NENE	UTU0149078	891008900A	430473322800S1
NBU 331	3-10-21 NWNE	UTU0149078	891008900A	430473322900S1
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<u>ect Ec</u> clions:	Off & Gas										
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ı	Production	& OPX		: Before		After		Difference			
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	Wir Production				0 BWPD		0 BWPD		0 BWPD		
	Horse Power Fuel Gas Buri		- 1		HP MCFPI	、 <del> </del>	MCFPD		0 HP 0 MCFPD		
·	10 <del>01</del> GG3 D011	, CO	L			·		<u> </u>			
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	Operating C Gross Reserv	ashflow =			6 80						
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rs/Assum	Operating C Gross Reserve Oil Reserves Gas Reserve Gas Equity Re applions: An average	res: # # # # # # # # # # # # # # # # # # #	produc	es 0.192 ncreased	0 MCF 38 MCFI	-	e. The prock out the volv	e cost or the e	sed to 0,1% Bo	ad if 6 ozs al mainten	of pressure
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rs/Assum	Operating C Gross Reserve Oil Reserves Gas Reserve Gas Equiv Re npillons: An average are placed o	res: # # # # # # # # # # # # # # # # # # #	produc	Increased	0 MCF 38 MCFI Scod with r	no tank pressyr	out the valv	e cost or the e	sed to 0.176 Ro	and II & ozs	of pressure
rs/Assum	Operating C Gross Reserve Oil Reserves Gas Reserve Gas Equity Re applions: An average	res: # # # # # # # # # # # # # # # # # # #	produc	Increased	0 MCF 38 MCFI Scod with r	no tank pressur n does not pay	out the valv	e cost or the e	red to 0,196 Bo	and if 6 exa	of pressure ance costs.
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rs/Assum	Operating C Gross Reserve Oil Reserves Gas Reserve Gas Equiv Re applions: An average gre placed ( \$0  (\$500)	res: # # # # # # # # # # # # # # # # # # #	produc	Increased	0 MCF 38 MCFI Scod with r	no tank pressur n does not pay	out the valv	e cost or the e	red to 0.196 Bo	od il 6 exs	of pressure ance costs.
rs/Assum	Operating C Gross Reserve Oil Reserves Gas Reserve Gas Equiv Re applions: An average gre placed o	res: # # # # # # # # # # # # # # # # # # #	produc	Increased	0 MCF 38 MCFI Scod with r	no tank pressur n does not pay	out the valv	e cost or the e	red to 0.196 Bo	od il 6 exs	of pressure ance costs.
rs/Assum	Operating C Gross Reserve Gas Reserve Gas Equiv Re aptions: An gyergase gre placed ( \$0  (\$500)  (\$1,000)	res: # # # # # # # # # # # # # # # # # # #	produc	Increased	0 MCF 38 MCFI Scod with r	no tank pressur n does not pay	out the valv	e cost or the e	red to 0.196 Bo	od il 6 exs	of pressure ance costs.
rs/Assum	Operating C Gross Reserve Oil Reserves Gas Reserve Gas Equiv Re applions: An average gre placed ( \$0  (\$500)	res: # # # # # # # # # # # # # # # # # # #	produc	Increased	0 MCF 38 MCFI Scod with r	no tank pressur n does not pay	out the valv	e cost or the e	red to 0.196 Bo	and if 6 exa	of pressure ance costs.
rs/Assum	Operating C Gross Reserve Gas Reserve Gas Equiv Re aptions: An gyergase gre placed ( \$0  (\$500)  (\$1,000)	res: # # # # # # # # # # # # # # # # # # #	produc	Increased	0 MCF 38 MCFI Scod with r	no tank pressur n does not pay	out the valv	e cost or the e	red to 0.196 Bo	and if 6 exa	of pressure ance costs.
nulative Cashflow	Operating C Gross Reserve Oil Reserves Gas Reserve Gas Equiv Re npilons: An gyergae gre placed ( \$0  (\$500)  (\$1,500)	res: # # # # # # # # # # # # # # # # # # #	produc	Increased	0 MCF 38 MCFI Scod with r	no tank pressur n does not pay	out the valv	e cost or the e	red to 0.196 Bo	and if 6 exa	of pressure ance costs.
nulative Cashflow	Operating C Gross Reserve Oil Reserves Gas Reserve Gas Equiv Re npilons: An gyergae gre placed ( \$0  (\$500)  (\$1,500)	res: # # # # # # # # # # # # # # # # # # #	produc	Increased	0 MCF 38 MCFI Scod with r	no tank pressur n does not pay	out the valv	e cost or the e	red to 0.196 Bd	and if 6 exa	of pressure ance costs.
rs/Assum	Operating C Gross Reserve Oil Reserves Gas Reserve Gas Equiv Re apilions: An average gre placed ( \$1,500) (\$1,500) (\$2,000) (\$2,500)	res: # # # # # # # # # # # # # # # # # # #	produc	Increased	0 MCF 38 MCFI Scod with r	no lank pressur n does not pay	out the valv	e cost or the e	red to 0.196 Rd	and if 6 exa	of pressure ance costs.
nulative Cashflow	Operating C Gross Reserve Gross Reserve Gross Reserve Gross Reserve Gross Equiv Re Gross Equiv Re An gyergage gre placed (  (\$500)  (\$1,000)  (\$1,500)	res: # # # # # # # # # # # # # # # # # # #	produc	Increased	0 MCF 38 MCFI Scod with r	no lank pressur n does not pay	out the valv	e cost or the e	red to 0.194 Rd	od il 6 exs	of pressure since costs.
nulative Cashflow	Operating C Gross Reserve Oil Reserves Gas Reserve Gas Equiv Re apilions: An average gre placed ( \$1,500) (\$1,500) (\$2,000) (\$2,500)	res: # # # # # # # # # # # # # # # # # # #	produc	Increased	0 MCF 38 MCFI Scod with r	no lank pressur n does not pay	out the valv	e cost or the e	red to 0.194 Rd	and if 6 exa	of pressure since costs.

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# Westport Oil and Gas, Inc. NBU/Ouray Field

RFL 2003-022

### **COMPARISON OF FLASH BACK PRESSURES**

Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio (scf/STbbl)	Specific Gravity of Flashed Gas	Separator Volume Factor	Separator Volume Percent
peig	<b>°</b> F	(A)	(Air=1.000)	(B)	(C)
alculated i	et Labora	tory Flash Cond	itions		
00	70		<b>, , , , , , , , , , , , , , , , , , , </b>	1.019	
80	122	30.4	0.993	1.033	101.37%
0	60	0.0	, —	1.000	98.14%
Calculated	Flash witi	h Backpressure	using Tuned EO	S	
80	70			1.015	
6.0 oz	65 · ·	24.6	0.777	1.003	98.82%
0.002	60	0.0		1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0		1.000	98.52%
00	70			1.015	
80		24.7	0.779	1.003	98.82%
2.0 oz	65	0.0		1.000	98.529
0	60	0.0			
80	70			1.015	
0	65	24.8	0.780	1.003	98.829
0	60	0.0		1.000	98.529

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water

<sup>(</sup>A) Cubic Feet of gas at 14.696 pela and 60 °F per Barrel of Stock Tank Oil at 60 °F.

<sup>(</sup>B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

<sup>(</sup>C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

Form 3 160-5 (August 1999);

(Instructions on reverse)

### UNITED STATES DEPARTM\_\_ f OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

#### **SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or reenter an

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

5. Lease Serial No.

٠.		Dollar I 11	•		
Μu	ıltiple	Wells	_	see	attached

6. If Indian Allottee or Tribe Name

	. Use Form 3160-3 (APD)			o. Il likilali, A	motice of Tribe Name
					CA/Agreement, Name and/or No.
1. Type of Well  Oil Well  Gas Well					
Oil Well Gas Well  2. Name of Operator	Other		<del></del>	8. Well Name	
WESTPORT OIL & GAS COM	PANY I D			9. API Well N	ells - see attached
3a. Address	7441, 2.1 .	3b. Phone No. (include	de area code)		o. ells - see attached
P.O. BOX 1148 VERNAL, UT 8	34078	(435) 781-	ac area coae,		ool, or Exploratory Area
4. Location of Well (Footage, Sec., T.,		(100).01		Natural Butt	• •
Multiple Wells - see attached	, , , , , , , , , , , , , , , , , , , ,			11. County or F	
95 21E 34	430473	32793		Uintah Cour	
12. CHECK A	PPROPRIATE BOX(ES) TO	INDICATE NATURI	E OF NOTICE, RE	PORT, OR OT	HER DATA
TYPE OF SUBMISSION	1-0-1	Т	YPE OF ACTION		
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Production Reclamation	(Start/Resume)	Water Shut-Off Well Integrity
Subsequent Report	Casing Repair	New Construction	Recomplete		Other
	Change Plans	Plug and Abandon	Temporarily	/ Abandon	
Final Abandonment Notice	Convert to Injection	Plug Back	Water Dispe	osal	
Attach the Bond under which the wor following completion of the involved of testing has been completed. Final Abdetermined that the site is ready for final westport Oil & Gas requests a variance with a pressure-vacuum thief hatch and condensate will not payout the incremental conden	operations. If the operation result and order Notices shall be file all inspection.  The to Onshore Order No. 4, Pand/or vent line valve. The variations	alts in a multiple completed only after all requirement of the complete of the	ion or recompletion ents, including recla sales tank be equi economic analysis	in a new interval, imation, have been pped shows the value	a Form 3160-4 shall be filed once on completed, and the operator has be of the shrunk
The volume lost to shrinkage by dropping a representative sample from the fiew the average NBU well produces appropriately the strinkage. The and maintaining the valves and other different to the control of the strinkage of the control of the con	id. The sample shrunk from 90 eximately 6 bbls condensate purchased in the value of the shrunk and lost levices that hold the positive to	8.82% of oringinal volumer month. The resulting st condensate does not ank pressure. An economic street was supported to the condensate of	me to 98.52% when shrinkage would a recoup or payout to omic run based on	n the pressure was mount to 0.56 bases to the cost of install the loss and cost	vas dropped. bls per ling sts is attached.
14. I hereby certify that the foregoing is tr		Marines transmission of			Toyany on nois.
Name (Printed/Typed) J.T. Conley	COPY SENT TO OPE	Title RATOR	Oper	ations Manag	2
Signature 10/4	( initials CHI	Date 9	-2-2003	•	DIV OF OIL, GAS REST.
	THIS SPACE	E FOR FEDERAL OR	STATE USE by	the	
Approved by		Title	Jtah Division	o Date	Federal Approval Of This Action Is Necessary
Conditions of approval, if any, are attached certify that the applicant holds legal or equit which would entitle the applicant to conduct	able title to those rights in the sub operations thereon.	pject lease Date:	<b>Gas and M</b>	lining	- Fathers
Title 18 U.S.C. Section 1001, make false, fictitious or fraudulent statement				artiment or agen	cy of the United States any

tport Oil & G	as, L.P.										
ect Economic		•									
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		prevent accident						i.			
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t Name:	Condensate 4	hrinkage Econom	ke.								
a rane.	Condensale 3	MAINTAGE ECONOMI	K-3						_		
is this job a we	il puli or producti	ion ria lob ???	N O	Y or N)							
	pos. o. p. o. ao	BEFORE	<u> </u>	AFTER		DIFFER	FNCE				
		\$/Year		\$/Year		\$/Ye					
Gross Oil Re	venue	\$1,088	Г	\$1,099	ח		\$11				
Gross Gas F		\$0		\$(	ฦ		\$0				
NGL Reven		\$0		\$(	$\Box$		\$0				
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COMPANY			⊢	***	4		\$0				
CONTRACT		\$0	⊢	\$200	4		\$200				
LEASE FUEL		\$0	ļ.	•/	-		\$0				
UTILITIES - EL		\$0	-	\$0			\$0				
CHEMICAL		~	<u> </u>	*	4		\$0				
MATERIAL &		\$0	-	\$150	<del>-</del>	-	\$150				
WATER & HA			- F		7	-	\$0				
	TIVE COSTS				1		\$0				
	PROCESSING		T		1	<b>——</b>	\$0				
<del></del>	Totals	\$0	_	\$350		·		ncreased	OPX	er Year	
		-		•						-	
investment	Breakdown:					<b>-</b> .					
	Сар/Ехр		_	NI Price	\$ 23.00						
C14-4 *	Code	Cost, \$	_	ias Price		\$/MCF					
Capital \$	820/830/840	\$1,200		ectric Cost	\$ -	\$ / HP /	day				
Expense \$ Total \$	830/860	\$0 \$1,200		PX/BF PX/MCF		\$/BF \$/MCF					
ioidi #		\$1,200	0	AAMOF	V 0.02	J-/MCF					
Productio	n & OPX Detai	l:									
		Before	A	fier		Differen	ce				
Oil Producti	on	0.192 BOF			BOPD		0.002 80	PD			
Gas Produc	tion	0 MC			MCFPD			CFPD			
Wir Product	ion	0 swi			BWPD		0 BW				
Horse Powe	r	НР	-		HP	1	0 HP				
Fuel Gas Bu	rned	мс	FPD _		MCFPD			CFPD			
	•		_								
B1- 110					TE						
Project Life:		AA A I u			Payout	Calculatio	n:				
1	Life =	20.0 Yes longer than 20 yes					¥-1-	l Imeach			
	frie no	- ∼isyorinan zu ye	ui s)		Payout *			I investmente		ue) -	
Internal Rat	e of Return:					30111	( M	-14:114136	v444U	<del></del> ,	
After Tax	IROR =	#DIV/0I			Payout o	occurs who	en total A	T cashflo	w equal	s investr	nent
						oh below,					
AT Cum Ca					I						
Operating (	Cashflow =	<b>(\$2,917)</b> (Dis	counted	0 10%)	Payout =	NEV	ER	Years or	#VA	<b>LUE</b> I D	ays
Const	·		<del></del>		<u> </u>						
Gross Reserver		6 80									
Gas Reserve		0 MC									
Gas Equiv R		38 MC									
•											*
Assumptions:											
An average	NEU well produc	es 0.192 Bond will	no tank	pressure. I	he produc	tion is inc	eased to	0.196 Bc	od V 6 oz	ts of pres	ssure
are placed	on the tank. The	increased product	ion does	not payout	the valve	cost or the	estimat	ed annva	<u>i mainte</u>	nance c	osts.
L											
		Project: Co	ndensate	e Shrinkage	Economic	:s					
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				D-	oject Year				-		

# Westport Oil and Gas, Inc. NBU/Ouray Field

RFL 2003-022

## **COMPARISON OF FLASH BACK PRESSURES**

Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio	Specific Gravity of	Separator Volume	Separator Volume
00110		(scf/STbbl)	Flashed Gas Factor		Percent
peig	°F	(A)	(Air=1.000)	(B)	(C)
	at Labora	tory Flash Condi	itions		
80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0		1.000	98.14%
Calculated	i Flash witi	h Beckpressure	using Tuned EO	s	
80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0	***	1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0		1.000	98.52%
80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0		1.000	98.52%
80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
Ö	60	0.0		1.000	98.52%

<sup>(</sup>A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

<sup>(</sup>B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

<sup>(</sup>C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

WELL	LEGALS	STFLEASENO	CANUMBER	APINO
NBU 245	8-10-22 SENE	UTU01196C	891008900A	430473300400S1
NBU 247	10-10-22 NWNW	U01196C	891008900A	430473297700S1
NBU 248	10-10-22 SENW	UTU025187	891008900A	430473407900\$1
NBU 249	10-10-22 SESW	U01196C	891008900A	430473297800S1
NBU 252	10-9-21 NENW	U0141315	891008900A	430473280000S1
NBU 253 NBU 254	10-9-21 SWNW 17-9-21 NESW	U0141315 UTU0575	891008900A 891008900A	430473291700S1
NBU 254 NBU 255	21-9-21 SESW	UTU0576	891008900A	430473280300S1 430473280600S1
NBU 256	22-9-21 SENW	UTU0147566	891008900A	430473280700S1
NBU 257	25-9-21 SENW	U01194	891008900A	430473279000S1 ✓
NBU 258	26-9-21 SENE	U01194	891008900A	43047327910051
NBU 259	26-9-21 SWNE	U01194	891008900A	430473279200S1 ×
NBU 260	28-9-21 SENE	U05676	891008900A	430473300900S1
NBU 261	30-9-21 SENW	UTU0581	891008900A	430473292800S1 V
NBU 262	33-9-21 NENE	UTU0576	891008900A	430473292900S1
NBU 263	34-9-21 SENW	U01194	891008900A	430473279300S1
NBU 264	1-10-21 SESW	U02842B	891008900A	430473300000S1
NBU 265	2-10-21 NESE	ML13826	891008900A	430473279600S1 🗸
NBU 266 NBU 267	10-10-21 SWNW 10-10-21 NESW	UTU0149079 UTU01416A	891008900A 891008900A	430473294100S1 430473294200S1
NBU 268	11-10-21 NENE	U01190	891008900A	430473294200S1 430473300100S1
NBU 269	12-10-21 SWNW	UTU1196D	891008900A	430473347300S1
NBU 270	13-10-21 SWNW	ML23608	891008900A	430473286200S1 V
NBU 271	24-10-20 SWNW	UTU4485	891008900A	430473288700S1
NBU 272	11-10-22 SWNE	U01197A	891008900A	430473288900S1 ✓
NBU 273	22-9-21 NWNW	UTU0147566	891008900A	430473290600S1
NBU 274	23-9-21 NESW	UTU149075	891008900A	430473290700S1
NBU 275	9-9-21 NWSW	UTU01188	891008900A	430473290500S1
NBU 277	19-9-22 SENE	UTU0284	891008900A	430473304200S1
NBU 278	30-9-22 SWSW	U463	891008900A	430473301100S1
NBU 280	31-9-22 NESW	ML22935A ML22649	891008900A 891008900A	430473286500S1 430473286600S1 v
NBU 281 NBU 282	32-9-22 SWSW 32-9-22 NESE	ML22649 ML22649	891008900A	430473286700S1 V
NBU 285	3-10-22 NWNW	UTU01191	891008900A	430473297600S1
NBU 286	3-10-22 SENW	UTU01191	891008900A	430473298400S1
NBU 287	3-10-22 NESE	UTU01191A	891008900A	430473298500S1
NBU 288	3-10-22 NWSW	UTU01191	891008900A	430473298600S1
NBU 289	3-10-22 SESW	UTU01191	891008900A	430473291000S1
NBU 290	3-10-22 SWSE	UTU01191A	891008900A	430473298700S1
NBU 291	9-10-22 NENE	UTU01196D	891008900A	430473291100S1
NBU 292	9-10-22 SWNE	UTU1196D	891008900A	430473347400S1
NBU 293	10-10-22 SENE	UTU025187	891008900A	430473318200S1
NBU 294X NBU 295	22-9-20 NENW 12-10-20 SWSW	UTU0577B UTU4478	891008900A 891008900A	430473346500S1 430473293900S1
NBU 295 NBU 296	24-10-20 NWNE	UTU4485	891008900A	430473288600S1
NBU 297	11-9-21 SWNW	UTU0141315	891008900A	430473304000S1
NBU 298	15-9-21 NESW	UTU01188	891008900A	430473304100S1
NBU 299	16-9-21 SWNE	ML3282	891008900A	430473301200S1
NBU 300	21-9-21 NWNW	UTU0576	891008900A	430473302300S1
NBU 301	25-9-21 NWSW	U01194	891008900A	430473285900S1 ~
NBU 302	26-9-21 SWNW	U01194	891008900A	430473287700S1 V
NBU 303	26-9-21 SESE	ML22934	891008900A	430473287800S1 Y
NBU 304	27-9-21 SESE	<b>",</b> U01194A	891008900A	430473287900S1 -
NBU 305	27-9-21 SWSE	U01194A	891008900A	430473288000S1 ×
NBU 306	27-9-21 NWNW	U01194A	891008900A	430473286000S1 ×
NBU 307	28-9-21 NWNE	U05676	891008900A	430473300700S1
NBU 308 NBU 309	28-9-21 SENW 30-9-21 NENE	U05676 UTU0581	891008900A 891008900A	430473314300S1 430473301000S1
NBU 309 NBU 310	35-9-21 NENW	U01194	891008900A	430473288200S1 V
NBU 311	4-10-22 NESE	UTU01191	891008900A	430473283700\$1
NBU 312-E2	2-9-21 SWSE	UTU21510	891008900A	430473228800S1 V
NBU 313	4-10-22 NENW	UTU01191A	891008900A	430473283800\$1
NBU 315	11-9-21 SENE	UTU0141317	891008900A	430473387900S1
NBU 316	11-9-21 SWNE	UTU0141317	891008900A	430473441300S1
NBU 317	13-9-21 NENE	U-01193	891008900A	430473392100S1
NBU 318	13-9-21 SWNE	UTU01193	891008900A	430473388000S1
NBU 320	25-9-21 NWNW	U01189	891008900A	43047332010081
NBU 321	26-9-21 SWSW	U01194	891008900A	430473320200\$1
NBU 322	34-9-21 SESW	U01994	891008900A	430473320300S1 430473405000S1
NBU 323 NBU 326	30-9-22 NENE 31-9-22 NESW	U-463 ML22935A	891008900A 891008900A	430473405000S1 430473320400S1
NBU 327	33-9-22 SWSE	UTU01191	891008900A	430473373500\$1
NBU 329	1-10-21 NESW	UTU02842B	891008900A	430473322700S1
NBU 330	3-10-21 NENE	UTU0149078	891008900A	430473322800S1
NBU 331	3-10-21 NWNE	UTU0149078	891008900A	430473322900S1

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: ST U 01194A
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged we drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.  1. TYPE OF WELL OIL WELL GAS WELL OTHER	7. UNIT OF CA AGREEMENT NAME: NATURAL BUTTES UNIT  8. WELL NAME and NUMBER: NBU 263
2. NAME OF OPERATOR:	9. API NUMBER: 4304732793
KERR McGEE OIL & GAS ONSHORE LP  3. ADDRESS OF OPERATOR:  PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078 (435) 781-7	024 NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1641' FNL, 1832; FWL	COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 34 95 21E	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE,	, REPORT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION  SIDETRACK TO REPAIR WELL
(Submit in Duplicate)  ALTER CASING  FRACTORE TREAT	TEMPORARILY ABANDON
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TUBING REPAIR
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE  CHANGE TURING PLUG AND ABANDON	VENT OR FLARE
	WATER DISPOSAL
(Submit Original Form Only)	
Date of work completion:  CHANGE WELL STATUS  PRODUCTION (START/RESUM)  COMMINGLE PRODUCING FORMATIONS  RECLAMATION OF WELL SITE	VOTHER: Remedial (ement
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FO	•
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, dep	
KERR MCGEE OIL AND GAS ONSHORE LP REQUESTS TO COMMENCE CORF PERMIT NUMBER UT21147-07825.	
PLEASE SEE ATTACHED.	
	COPY SENT TO OPERATOR
	11 12, 200
	Date: 11.13.2008
	Initials: <u>RS</u>
NAME (PLEASE PRINT) SHEILA UPCHEGO TITLE REGUL/	ATORY ANALYST
SIGNATURE MUNICIPAL DATE 11/6/200	08
(This space for State use only)  APPROVED BY THE STATE  OF UTAH DIVISION OF  Federal Approv	ral Of This RECEIVED

(5/2000)

Action Is Necessary

NOV 10 2008

DIV. OF OIL, GAS & MINING

#### APPENDIX F

#### CORRECTIVE ACTION REQUIREMENTS

There is no corrective action being required on NBU 921-34K SWD (injection well) prior to receiving authorization to begin injection.

Both wells, NBU 263 and Ute Trail State #10 are located within the Area of Review (AOR) and require corrective action and/or Part II Mechanical Integrity demonstration.

Ute Trail State #10 (P&A well)

TD: 6050' TOC: 4494'

Distance: ~651' to SW

Cement through confining zone (CZ): unknown, CBL logging began at 3700'

Corrective Action: A remedial cement job will be performed through upper and lower CZ; then CBL ran through both the upper and lower CZ to determine % cement bond behind pipe. The cement bond should be run under pressure to reduce the effects of micro-annulas.

Upper CZ: The well will be perforated at 1425' and a cast iron cement retainer (CICR) will be set at 1400'. Cement will be squeezed on the backside from ~1425' to 1732'.

Lower CZ: The well will be perforated at 2100' and a CICR will be set at 2080'. Cement will be squeezed on the backside from ~1850' to 2100'.

A GR-CBL-CCL will be run from 2080' to surface. If CBL does not show > 80% cement bond behind pipe through both the upper and lower CZ, then a temperature log will be performed annually to demonstrate that fluids are not moving behind pipe and out of the permitted injection zone. The operator spoke with the State and determined that they would have to re-open the permit in order to perform the annual temperature log.

NBU263 (Shut-In gas well)

TD: 6700' TOC: 1706'

Distance: ~1181' to NW

Cement through CZ: 0% bond in upper CZ and 56% bond in lower CZ

Corrective Action: Remedial cement job will be performed through upper and possibly on the lower CZ.

The upper CZ will be isolated and cement will be squeezed from 1450' to 1700'. A CBL will be run from 2090' to surface. If the CBL shows <80% cement bond through the upper zone, then the operator may choose to remediate the cement in the lower CZ. If both the upper and lower CZ can not be remediated adequately and show >80% cement bond through the upper and lower CZ, then an annual temperature log will be required annually after injection begins to demonstrate that fluids are not moving behind pipe and out of the permitted injection zone.

If the operator chooses to remediate the lower CZ, then the well will be perforated at 1940', the lower CZ will be isolated, and cement will be squeezed from 1930' to 2055'.

Note: All logs shall be submitted to the Director as part of the Annual Report. If the results of the Temperature logging show any indication of Bird's Nest formation fluids moving out of zone, the well will be shut-in and EPA will re-evaluate the authorization to inject into the formation, and consider other options which could include corrective action and/or limited injection up to prohibition to inject.

STATE OF UTAH

		DEPARTMENT OF NATURAL RESOU	JRCES		
		DIVISION OF OIL, GAS AND M			5. LEASE DESIGNATION AND SERIAL NUMBER: ST U 01194A
	SUNDF	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
Do r	not use this form for proposals to di drill horizont	rill new wells, significantly deepen existing wells below coal laterals. Use APPLICATION FOR PERMIT TO DRILL	urrent bottom-hole de , form for such propos	pth, reenter plugged wells, or to als.	7. UNIT OF CA AGREEMENT NAME: NATURAL BUTTES UNIT
	YPE OF WELL OIL WEI	8. WELL NAME and NUMBER: NBU 263			
	AME OF OPERATOR: RR McGEE OIL & G	AS ONSHORE LP	-		9. API NUMBER: 43 047 32793
3. Al	DDRESS OF OPERATOR:		<sub>P</sub> 84078	PHONE NUMBER: (435) 781-7024	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
	S8 SOUTH 1200 EAST	CITY VERNAL STATE UT ZI	p 04070	(400) 101 1024	
F	OOTAGES AT SURFACE: 164	1' FNL, 1832, FWL			COUNTY: UINTAH
Q	TR/QTR, SECTION, TOWNSHIP, I	RANGE, MERIDIAN: SENW 34 9S	21E		STATE: UTAH
11.	CHECK AF	PROPRIATE BOXES TO INDICA	TE NATURE	OF NOTICE, REPO	ORT, OR OTHER DATA
	TYPE OF SUBMISSION			TYPE OF ACTION	
<b>V</b>	NOTICE OF INTENT	ACIDIZE	DEEPEN		REPERFORATE CURRENT FORMATION
<b>Y</b> _J	(Submit in Duplicate)	ALTER CASING	FRACTUE	E TREAT	SIDETRACK TO REPAIR WELL
	Approximate date work will start:	CASING REPAIR	☐ NEW CON	ISTRUCTION	TEMPORARILY ABANDON
		CHANGE TO PREVIOUS PLANS	OPERATO	OR CHANGE	TUBING REPAIR
_		CHANGE TUBING	PLUG AN	D ABANDON	VENT OR FLARE
	SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BA		WATER DISPOSAL
	Date of work completion:	CHANGE WELL STATUS		TION (START/RESUME)	WATER SHUT-OFF
	,	COMMINGLE PRODUCING FORMATIONS	_	ATION OF WELL SITE LETE - DIFFERENT FORMATION	V OTHER: <u>Renedial Camer</u>
Pl	ERR MCGEE OIL AN ERMIT NUMBER UT: LEASE SEE ATTACH		TS ТО СОММ	IENCE CORRECTIV	COPY SENT TO OPERATOR  Date: 11-26-2008
	. SHEIL	A UPCHEGO		REGULATORY	Initials:
NA	ME (PLEASE PRINT) SHEIL	11001001001100		11100	
SIG	SNATURE () [ WW	MOVED O WE		ATE 11/6/2008	
(This	space for State use only)	APPROVED BY THE S	TATE		RECEIVED
	•	OF UTAH DIVISION	ING		
		のようかやんダ			NOV 1 2 2008
(5/200	00)	BY: Should en such	refructions on Revers	hogay Beach	DIV. OF OIL, GAS & MINING
		* Operator shorty isolate	e with (e	nest from 2400	ONOP 12 OF T

#### APPENDIX F

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# Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

## X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has ch	anged, effective:			1/6/2006				
FROM: (Old Operator):		TO: ( New Or	perator):					
N2115-Westport Oil & Gas Co., LP		N2995-Kerr-M		Gas Onsho	re, LP			
1368 South 1200 East		E .	outh 1200		ŕ			
Vernal, UT 84078	· · · · · · · · · · · · · · · · · · ·			Vernal, UT 84078				
Phone: 1-(435) 781-7024		Phone: 1-(435)	781-7024					
CA N	0.	Unit:	N	ATURAL E	BUTTES	UNIT		
WELL NAME	SEC TWN RNG	1	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS		
<b>OPERATOR CHANGES DOCUMEN</b>	TATION							
Enter date after each listed item is completed								
1. (R649-8-10) Sundry or legal documentation	was received from the	FORMER ope	rator on:	5/10/2006	;			
2. (R649-8-10) Sundry or legal documentation	was received from the	NEW operator	on:	5/10/2006	-			
3. The new company was checked on the Depa	rtment of Commerce	e, Division of Co	orporation	s Database	on:	3/7/2006		
4a. Is the new operator registered in the State of	f Utah: YES	Business Numb	er:	1355743-018	31			
4b. If NO, the operator was contacted contacted	d on:	-		· · · · · · · · · · · · · · · · · · ·	-			
5a. (R649-9-2)Waste Management Plan has been	received on:	IN PLACE						
5b. Inspections of LA PA state/fee well sites con	nplete on:	n/a	3 LA well	s & all PA w	ells tran	sferred		
5c. Reports current for Production/Disposition &	Sundries on:	ok	-					
6. Federal and Indian Lease Wells: T	he BLM and or the I	BIA has appro	ved the n	nerger, nar	ne chan	ge,		
or operator change for all wells listed on Fed			BLM	3/27/2006		not yet		
7. Federal and Indian Units:						<del>.</del>		
The BLM or BIA has approved the success	sor of unit operator for	r wells listed on:		3/27/2006				
8. Federal and Indian Communization	n Agreements ("	CA"):						
The BLM or BIA has approved the operator				n/a				
9. Underground Injection Control ("	,	ivision has appro			sfer of A	uthority to		
Inject, for the enhanced/secondary recovery	unit/project for the wa	iter disposal wel	ll(s) listed o	n:				
DATA ENTRY:								
1. Changes entered in the Oil and Gas Databa		5/15/2006	-					
2. Changes have been entered on the Monthly	Operator Change Sp			5/15/2006	_			
<ul><li>3. Bond information entered in RBDMS on:</li><li>4. Fee/State wells attached to bond in RBDMS</li></ul>	on:	<u>5/15/2006</u> <u>5/16/2006</u>	-					
5. Injection Projects to new operator in RBDMS		3/10/2000	-					
6. Receipt of Acceptance of Drilling Procedures			n∕a	Name Char	ige Only			
BOND VERIFICATION:					<del></del>			
1. Federal well(s) covered by Bond Number:		CO1203						
2. Indian well(s) covered by Bond Number:		RLB0005239						
3. (R649-3-1) The NEW operator of any fee we	ell(s) listed covered by	Bond Number		RLB000523	6			
a. The FORMER operator has requested a relea	se of liability from the	eir bond on:	n/a	rider adde	d KMG			
The Division sent response by letter on:			-					
LEASE INTEREST OWNER NOTIFI				,				
4. (R649-2-10) The <b>FORMER</b> operator of the fe			-		Division			
of their responsibility to notify all interest ow	ners of this change on		5/16/2006					
COMMENTS:								

4 Form 3 160-5 (August 1999)

# **UNITED STATES** DEPARTMENT OF THE INTERIOR

**BUREAU OF LAND MANAGEMENT** 

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

5. Lease Serial No.

SUNDRY I	MULTIPLE LEASES					
Do not use this abandoned well.	6. If Indian, Allottee or Tribe	: Name				
SUBMIT IN TRIPL	ICATE Other instru	7. If Unit or CA/Agreement,	Name and/or No.			
1. Type of Well						
Oil Well X Gas Well  2. Name of Operator	Other			8. Well Name and No.		
•				MUTIPLE WELLS		
KERR-McGEE OIL & GAS C	NSHORE LP	<b>I</b>		9. API Well No.		
3a. Address	/=====================================	3b. Phone No. (inclu	de area code)			
1368 SOUTH 1200 EAST V		(435) 781-7024		10. Field and Pool, or Explora	tory Area	
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description	on)				
855 ATTAQUES				11. County or Parish, State		
SEE ATTACHED				UINTAH COUNTY, UT	ΆΗ	
12 CHECK ADD	DODDLATE DOWERS TO					
	ROPRIATE BOX(ES) TO	INDICATE NATURE	OF NOTICE, F	REPORT, OR OTHER DATA	<u> </u>	
TYPE OF SUBMISSION		TY	PE OF ACTION	٧		
Notice of Intent	Acidize	Deepen	Production	(Start/Resume) Water Sh	ut-Off	
	Alter Casing	Fracture Treat	Reclamation			
Subsequent Report	Casing Repair	New Construction	Recomplet		HANGE OF	
	Change Plans	Plug and Abandon	= :	ly Abandon OPERAT	OR	
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disp			
13. Describe Proposed or Completed Oper If the proposal is to deepen directiona Attach the Bond under which the wor following completion of the involved testing has been completed. Final Al determined that the site is ready for fin	illy or recomplete horizontally, gi rk will be performed or provide a operations. If the operation resu bandonment Notices shall be file	ive subsurface locations an the Bond No. on file with Its in a multiple completio	nd measured and tn. BLM/BIA. Requi on or recompletion	te vertical depths of all pertinent m ired subsequent reports shall be file in a new interval a Form 3160-4 s	arkers and zones.  Id within 30 days  In all he filed once	
PLEASE BE ADVISED THATOPERATOR OF THE ATTAINMERS GAS COPE THE LEASE(S) FOR	CHED WELL LOCATIONSHORE LP, IS RESINE OPERATIONS CONFUTAH NATIONWIDE	ONS. EFFECTIVE PONSIBLE UNDEI DUCTED UPON L E BOND NO. RLBC A	JANUARY 6 R TERMS AN EASE LAND 0005237 PPROVE	, 2006. ND CONDITIONS S. BOND COVERAGE DIV	RECEIVED MAY 1 0 2006 OF OIL, GAS & MININ	
BIA B	OND = RLB00	05239	Carlone	Russell		
<ol> <li>I hereby certify that the foregoing Name (Printed/Typed)</li> </ol>	g is true and correct	. For		Gas and Mining Engineering Technician		
RANDY BAYNE		DRILLING MAN	•			
Signature /		Date	MOLN			
Kanky & Sayne		May 9, 2006				
1 1	THIS SPACE	FOR FEDERAL OR	STATE USE			
Approved by		Title		Date		

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Title

Office

Date

Form 3 160-5 (August 1999)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

#### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

5. Lease Serial No.

SUBMIT IN TRIPL	7. If Unit or CA/Agreement, Name and/or No						
1. Type of Well Oil Well X Gas Well	Other			8. Well Name and No.			
2. Name of Operator	und Otto						
WESTPORT OIL & GAS CO	MOANVI D			MUTIPLE WELLS			
3a. Address	JWPANT L.P.	3b. Phone No. (include	7	9. API Well No.			
	CONN UT 04070	· '	ie area coae)				
1368 SOUTH 1200 EAST V 4. Location of Well (Footage, Sec.,		(435) 781-7024		10. Field and Pool, or Exploratory Area			
T. Location of Well (1 boninge, Bec.,	1., K., M., or Survey Descript	ion)					
SEE ATTACHED				11. County or Parish, State			
SEE ATTACHED				UINTAH COUNTY, UTAH			
12. CHECK APP	ROPRIATE BOX(ES) TO	INDICATE NATURE	OF NOTICE, R	REPORT, OR OTHER DATA			
TYPE OF SUBMISSION		TYI	E OF ACTION	V			
Notice of Intent	Acidize	Deepen	Production	(Start/Resume) Water Shut-Off			
_	Alter Casing	Fracture Treat	Reclamation				
Subsequent Report	Casing Repair	New Construction	Recomplet				
	Change Plans	Plug and Abandon	Temporaril	ly Abandon OPERATOR			
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disp	oosal			
13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.							
EFFECTIVE JANUARY 6, 20 THE OPERATORSHIP OF TO ONSHORE LP.	THE ATTACHED WEL	L LOCATIONS TO	KERR-McGE	ELINQUISHED EE OIL & GAS			
SHORIOINE EF.	APPI	ROVED 5/	16106				
	0		0 00	RECEIVED			
	ĈŨ	Whene Russ	ell	·— <del></del>			
	Division	of Oil, Gas and M	ining	MAY 1 0 2006			
	Earlene	Russell, Engineerin	z Technician	1			

DIV OF OIL GAS & MINING 14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) **BRAD LANEY ENGINEERING SPECIALIST** Signature Date May 9, 2006 THIS SPACE FOR FEDERAL OR STATE USE Approved by Title Date Grad Conditions of approval, if any, are attacked. Approval of this notice does not warrant or certify that the applicant holds legal of equitable title to those rights in the subject lease 5-9-06 Office which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

	STATE OF UTAH		FORM 9
	5.LEASE DESIGNATION AND SERIAL NUMBER: U-01194ST		
SUNDF	RY NOTICES AND REPORTS O	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen exingged wells, or to drill horizontal laterals. Use		7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: NBU 263
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONS	HORE, L.P.		<b>9. API NUMBER:</b> 43047327930000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th S	treet, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6007 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1641 FNL 1832 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SENW Section: 34	P, RANGE, MERIDIAN: Township: 09.0S Range: 21.0E Meridian: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
THE OPERATOR HA SUBJECT WELL LO ACTIVITIES FOR THE	CHANGE TO PREVIOUS PLANS  CHANGE WELL STATUS  DEEPEN  OPERATOR CHANGE  PRODUCTION START OR RESUME  REPERFORATE CURRENT FORMATION  TUBING REPAIR  WATER SHUTOFF  WILDCAT WELL DETERMINATION  MPLETED OPERATIONS. Clearly show all pertine AS PERFORMED THE REMEDIAL OCATION. IN ACCORDIANCE WITH EPA PERMIT NUMBER UT21147  ATTACHED CHRONOLOGICAL WITH	CEMENT JOB ON THE THE THE CORRECTIVE 7-07825. PLEASE REFER ELL HISTORY.	Accepted by the Utah Division of Oil, Gas and Mining  ate: May 26, 2010
NAME (PLEASE PRINT) Sheila Wopsock	<b>PHONE NUMBER</b> 435 781-7024	TITLE Regulatory Analyst	
SIGNATURE N/A		<b>DATE</b> 5/25/2010	

	STATE OF UTAH		FORM 9
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TYPE OF SUBMISSION		TYPE OF ACTION	
THE OPERATOR HA SUBJECT WELL LO ACTIVITIES FOR THE	CHANGE TO PREVIOUS PLANS  CHANGE WELL STATUS  DEEPEN  OPERATOR CHANGE  PRODUCTION START OR RESUME  REPERFORATE CURRENT FORMATION  TUBING REPAIR  WATER SHUTOFF  WILDCAT WELL DETERMINATION  MPLETED OPERATIONS. Clearly show all pertine AS PERFORMED THE REMEDIAL OCATION. IN ACCORDIANCE WITH EPA PERMIT NUMBER UT21147  ATTACHED CHRONOLOGICAL WITH	CEMENT JOB ON THE THE THE CORRECTIVE 7-07825. PLEASE REFER ELL HISTORY.	Accepted by the Utah Division of Oil, Gas and Mining  ate: May 26, 2010
NAME (PLEASE PRINT) Sheila Wopsock	<b>PHONE NUMBER</b> 435 781-7024	TITLE Regulatory Analyst	
SIGNATURE N/A		<b>DATE</b> 5/25/2010	

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCE		FORM 9
	5.LEASE DESIGNATION AND SERIAL NUMBER: U-01194ST		
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for propos bottom-hole depth, reenter plu DRILL form for such proposals.	sals to drill new wells, significantly deepen Igged wells, or to drill horizontal laterals. U	existing wells below current se APPLICATION FOR PERMIT TO	7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: NBU 263
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSI	HORE, L.P.		<b>9. API NUMBER:</b> 43047327930000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th St	treet, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6007 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1641 FNL 1832 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SENW Section: 34	P, RANGE, MERIDIAN: Township: 09.0S Range: 21.0E Meridian: S	5	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
5/26/2010	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	■ NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
DRILLING REPORT	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	APD EXTENSION
Report Date:	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
THE OPERATOR REQ SWD MONITOR WELL UP TO THE BIRD'S N	MPLETED OPERATIONS. Clearly show all pert UESTS AUTHORIZATION TO C L. THE OPERATOR WILL PLUG A IEXT FORMATION AND THEN C ELL. PLEASE SEE THE ATTACHE P&A/CONVERSION PROCED	ONVERT THIS WELL TO A AND ABANDON THE WELL CONVERT THE WELL TO A ED DOCUMENT FOR THE URE.	Approved by the Utah Division of Oil, Gas and Mining ate:  June 10, 2010 y:
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE	
Andy Lytle	720 929-6100	Regulatory Analyst	
<b>SIGNATURE</b> N/A		<b>DATE</b> 5/24/2010	

#### NBU 263 Convert to a SWD Monitor well Procedure

1641' FNL & 1832' FWL

**SENW - Section 34 – T9S – R21E** 

**Uintah County, UT** 

KBE: 5015' **API NUMBER:** 43-047-32793 GLE: 5000' **LEASE NUMBER:** U-01194-A-ST TD: 6700' WI: 100.000000% PBTD: 4985' (CIBP set 12/2008) NRI: 81.24800%

ORRI: 7.592840%

**UNIT/CA NUMBER:** 

**CASING:** 12.25" hole

> 8.625", 24#, K-55 @ 260' w/196 sx Class G cement. Circulated 10 bbl cement to surface. TOC @ surface by circulation.

7.875" hole

4.5", 11.6#, N-80 @ 6700' w/315 sx HiLite G lead, 625 sx Class G tail. TOC @ 1700' by CBL.

June 1997 - Pumped a top job using 255 sx Class G (15.8 ppg, 1.15 yield) with 200 psi at end of job, vacuum after 15 minutes. Annular coverage by calculation:

- Top job, 0-1265'
- Annular void 1265-1700'

December 2008 - AOR work for the NBU 921-34K, Perforated @ 1700' and squeezed with 100 sxs class "G" w/ 2% followed by 200 sxs class "G". Got a 1890 psi squeeze, ran a CBL and it looked good.

2.375" 4.7# K-55 tubing landed at 45' per last tubing detail (12/1/2008). Open wells is **TUBING:** not very clear if any tubing is left in the well or not.

Tubular/Borehole	Drift	Collapse	Burst	Capacities			
	inches	psi	Psi	Gal./ft.	Cuft/ft.	Bbl./ft.	
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1626	0.02173	0.00387	
4.5" 11.6# N/M/I-80 csg	3.875	6350	7780	0.6528	0.0872	0.01554	
Annular Capacities							
2.375" tbg. X 4.5" 11.6# csg		0.4226	0.0565	0.01006			
4.5" csg. X 8.625" 24# csg.	1.8487	0.2471	0.04401				
4.5" csg. X 7.875" hole				1.7052	0.2278	0.0406	

#### **GEOLOGIC INFORMATION:**

Formation	Depth to top, ft.
Uinta	Surface
Green River	1474'
Bird's Nest	1764'
Mahogany	2147'
Parachute Member	3129'
Wasatch	4772'

#### Tech. Pub. #92 Base of USDW's

USDW Elevation ~1700' MSL USDW Depth ~3315' KBE

#### **PERFORATIONS**

Formation	Date	Тор	Bottom	SPF	Status
Wasatch	4/9/1997	5013	5017	4	Open
Wasatch	4/9/1997	5022	5025	4	Open
Wasatch	4/9/1997	5052	5058	4	Open
Wasatch	4/3/1997	5404	5413	4	Open
Wasatch	4/3/1997	5419	5424	4	Open
Wasatch	4/3/1997	5430	5432	4	Open
Wasatch	4/3/1997	5715	5715	4	Open
Wasatch	4/3/1997	5871	5871	4	Open
Wasatch	4/3/1997	5881	5881	4	Open
Wasatch	4/3/1997	5882	5882	4	Open
Wasatch	4/3/1997	5890	5890	4	Open
Wasatch	4/1/1997	6550	6557	4	Open
Wasatch	4/1/1997	6568	6571	4	Open

#### WELL HISTORY

#### Completion – April 1997

- Ran CBL with cement top at 1700'. Perforated the gross Wasatch interval 6550' through 6571' and fractured with 8421 gals 30Q CO2 foam containing 61000# 20/40 mesh sand.
- Perforated the gross Wasatch interval 5715' through 5890' and fractured with 17783 gals 30Q CO2 foam containing 78059# 20/40 mesh sand.
- Perforated the gross Wasatch interval 5404' through 5432'. Stuck gun at 5365' and pulled out of rope socket. Snubbed in overshot and fished same. Snubbed in tubing and landed at 4940'. Fractured with 510 bbl 30Q CO2 foam containing 96580# 20/40 mesh sand.
- Perforated the gross Wasatch interval 5013' through 5058' through tubing and fractured with 15120 gals 30Q CO2 foam containing 67519# 20/40 mesh sand.
- After flowing back for five days, snubbed in and cleaned out to 6643'. Landed tubing at 6562'.
- Tested 1288 MCFd, 0 BOPD, 36 BWPD, 720 psi FTP, 890 psi SICP, 17/64<sup>th</sup> choke on 4/20/1997.

#### Workover #1 – June 1997

- Tubing stuck at 5890'. Cut same at 6362', 6173', 5952' and 5760'. Fished all four pieces after a moderately aggressive job.
- Cleaned out to 6619' and landed tubing at 6560'.
- Acidized with 1050 gal 15% HCl.
- Swabbed well to kick off, RTP.

#### Workover #2 – September 1999

- Pulled well finding heavy scale 5050-6561'.
- Cleaned out to 6627' and landed tubing at 6562'.
- Acidized with 1000 gal 15% HCl.

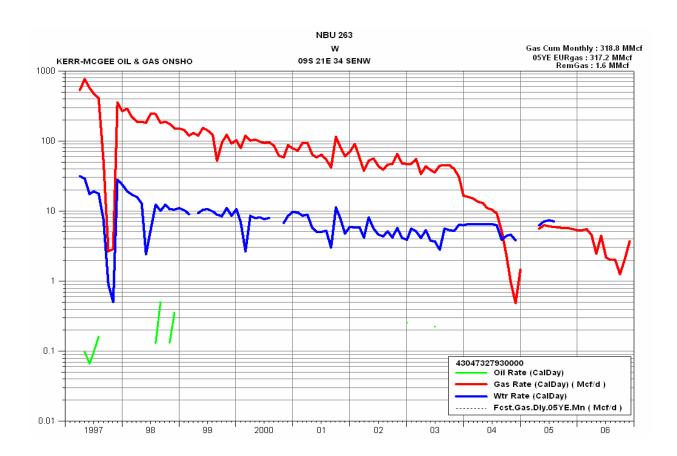
• Swabbed well to kick off, RTP.

#### Workover #3 – October 2001

- Tagged at 6571', TOH, and then RIH with a mill to 6571'. TOH.
- Landed tubing at 5814', SN at 5782'.
- Swabbed well to kick off, RTP.

#### Workover #4 - December 2008

- AOR work for the NBU 921-34K,
- Set a CIBP @ 4985', tested casing to 1000 psi good test.
- Perforated 4 holes @ 1700' and set a CICR @ 1550'.
- Squeezed perfs with 100 sxs class "G" w/ 2% followed by 200 sxs class "G".
- Got a 1890 psi squeeze
- POOH and L/D tubing. Ran a CBL and it looked good.



#### NBU 263 Convert to a SWD Monitor well Procedure

#### **GENERAL**

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT/SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- BRINE WITH A MINIMUM DENSITY OF AT LEAST 9 PPG MUST BE PLACED BETWEEN ALL PLUGS. 10 PPG IS ASSUMED IN THIS PROCEDURE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDE. PREMIX 5 GALLONS PER 100 BBLS FLUID.
- NOTIFY UDOGM 24 HOURS BEFORE MOVING ON LOCATION.

#### **PROCEDURE**

Note: An estimated 69 SXS Class "G" cement needed for procedure Note: No Gyro has been run on this well, but don't believe we need to.

- 1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
- 2. PULL TBG & LD SAME. RU SAND LINE AND CHECK FOR ±CIBP @ 4985'.
- 3. PLUG #1, ISOLATE WASATCH PERFORATIONS (5013' 6571') & PROTECT WASATCH TOP (4772'): RIH W/ TUBING TO ±4985'. BRK CIRC W/ FRESH WATER. DISPLACE 27.3 CUFT. (~24 SXS) ON TOP OF PLUG. PUH ABOVE TOC (~4672', 313' COVERAGE). REVERSE CIRCULATE W/ 10 PPG BRINE JUST TO THE NEXT CMT PLUG.
- **4.** PLUG #2, PROTECT USDW (3315') & BASE OF PARACHUTE MEMBER (~3129'): PUH TO ~3415'. BRK CIRC W/ FRESH WATER. DISPLACE 33.7 CUFT. (~30 SXS) AND BALANCE PLUG W/ TOC @ ~3029' (386' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ 10 PPG BRINE JUST TO THE NEXT CMT PLUG.
- **5. PLUG #3, PROTECT MAHOGANY TOP (2147'):** PUH TO ~2247'. BRK CIRC W/ FRESH WATER. DISPLACE 17.44 CUFT. (~15 SX) AND BALANCE PLUG W/ TOC @ ~2047' (200' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE WITH T-MAC WATER.
- 6. **Birds Nest Sampling:** SEE ATTACHED BIRD'S NEST WATER SAMPLING PROCEDURE TO OBTAIN A **FLUID LEVEL, DOWNHOLE TEMPERATURE, AND A WATER SAMPLE** FROM 1905'-1920'.
- 7. FOLLOWING THE SAMPLING OF THE WELL, IT WILL BE CONVERTED TO A SWD MONITORING. LAND TUBING AT ± THE TOP OF THE ABOVE PERFORATIONS.
- 8. RDMO.

RBM 5/19/10

### INJECTION ZONE WATER SAMPLING FOR SWD WELLS

- 1. If workover fluid has been pumped into the well for corrective action requirements (i.e. squeeze work, RAT's test, etc) near the proposed injection interval, get an accurate record of the volume pumped to account for and also obtain a sample of the workover fluid for reference purposes.
- 2. RIH with tubing to the ±top of the proposed perforated interval (1905'). Rig up swab equipment and swab the fluid level to 500' above proposed perforated interval so the well can be perforated under-balanced.
- 3. POOH with the tubing
- 4. RIH and under-balance perforate the proposed interval (1905'-1920') with the appropriate sized guns. POOH with the perforating guns.
- 5. RIH with tubing to the  $\pm$ top of the perforated interval
- 6. RIH and obtain a static fluid level and a bottom hole temperature at the mid point of perfs.
- 7. R/U to Swab or Nitrogen lift the well to get a representative fluid sample of the injection interval. NOTE: It may be necessary to break-down and/or acidize the perforations in order obtain adequate fluid entry into the wellbore.
  - a. Have a chemical company representative on location to take regular samples and monitor chlorides, potassium, and pH of the water.
  - b. Document field readings of Load Water Volume to Recover, Time, Volume of Fluid Recovered, Chlorides, pH during the entire field sampling process. (See Attached Table.)
  - c. Continue Swabbing or nitrogen lifting the well until all fluid that has been put into
    the well from corrective action operations has been accounted for.
     NOTE: A minimum of twice the volume of load water will be produced back from
    the well prior to sampling.
  - d. Once the chlorides, potassium, and pH have stabilized and look to be representative of the injection zone interval, take three last successive samples (plus selected previous samples for comparisons) in for complete water analysis to measure for TDS, pH, SG, and conductivity.
  - e. Collect one additional sample and put into a provided bottle to be sent off to check for the presence of Naturally Occurring Hydrocarbons (as per instructions from Humble Geochemical Services).
  - f. Continue to stay rigged up and wait for the water analysis to come back to confirm that the samples show a stabilized TDS, pH, SG, and conductivity. If samples show consistency, consider the samples to be representative of the injection zone water, otherwise continue to resample.

Well Name	· · · · · · · · · · · · · · · · · · ·
Location	
Date	Formation
Perforated Interval	Load Water Volume

Time	Cumulative Volume Recovered	Load Left to Recover	Chlorides	Ph	Potassium



#### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

#### **Sundry Conditions of Approval Well Number 43047327930000**

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.
- 2. All balanced plugs shall be tagged to ensure that they are at the depth specified.
- 3. Sundry notice should be submitted and approved for final P&A once monitoring is completed.
- 4. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.
- 5. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.
  - 6. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.

Approved by the Utah Division of Oil, Gas and Mining

June 10, 2010

Date:

Bv:

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING  SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole deepth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.  1. TYPE OF WELL Gas Well  S. APPROPRIATE  2. NAME OF OPERATOR: RERR-MCGEG DI. & GAS ONSHORE, L.P.  3. ADDRESS OF OPERATOR: PHONE NUMBER: POOT AGES AT SURFACE: POOT WELL POOT AGES AT SURFACE: POOT AGES AT TOWNSHIP, RANGE, MERIDIAN: QUIT/QUT: SENW Section: 34 TOWNSHIP, RANGE, MERIDIAN: QUT/QUT: SENW Section: 34 TOWNSHIP, RANGE, MERIDIAN: QUT/QUT: SENW Section: 34 TOWNSHIP, RANGE, MERIDIAN: CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION  ACTIONS  ACTIONS  ACTIONS  ACTIONS  TOWNSHIP AND ACTIONS  TOWNSHIP ACTIONS  TOWNSHIP AND ACTIONS  TOWNSHIP ACTIONS  TOWNSHIP ACTIONS  OR ACTIONS  TOWNSHIP ACTIONS  TOWNSHIP ACTIONS  TOWNSHIP ACTIONS  TOWNSHIP ACTIONS  TOWNSHIP ACTIONS  OR ACTIONS  TOWNSHIP ACTIONS  OR ACTIONS  TOWNSHIP ACTIONS  TOWNSHIP ACTIONS  OR ACTIONS  OR ACTIONS  TOWNSHIP ACTIONS  OR ACTIONS  OR ACTIONS  OR ACTIONS  TOWNSHIP ACTIONS  OR ACTIONS  OR ACTIONS  TOWNSHIP ACTIONS  OR ACTIONS						
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DOUTDM-hole depth, reenier plugged wells, or to drill horizontal laterais. Use APPLICATION FOR PERMIT TO  PRILL form for such proposals.  1. TYPE OF WELL Gas Well  2. NAME OF DEPENATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.  3. ADDRESS OF OPERATOR: PHONE NUMBER: P.O. BOX 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779  720 929-6007 Ext  4. LOCATION OF WELL POOTAGES AT SURFACE: 1641 FNL 1832 EVIL 1641 FNL 1832 EVIL 1871 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION  TYPE OF SUBMISSION  TYPE OF ACTION  TYPE OF ACTION  TYPE OF ACTION  TYPE OF SUBMISSION  TYPE OF ACTION  TYPE OF ACTION  CASING REPAIR CHANGE WELL STATUS EXTENSION CHANGE WELL STATUS EXTENSI						
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A ADDRESS OF OPERATOR: P.O. BOX 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779  4. LOCATION OF WELL FOOTAGES AT SURRACE: 1641 FNL 1832 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: QTR/QTR, SECTION, SECTI						
P.O. 80x 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779  4. LOCATION OF WELL FOOTAGES AT SURFACE: 1641 FNL 1832 FWL QTRYOTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 34 Township: 09.0S Range: 21.0E Meridian: S  TYPE OF SUBMISSION  TYPE OF ACTION     ACIDIZE						
FOOTAGES AT SURFACE: 16.14 FPL 1832 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 34 Township: 09.05 Range: 21.0E Meridian: S  11.  CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION  ACIDIZE ACIDIZE ALTER CASING CHANGE TUBING CHANGE TUBING CHANGE WELL NAME CHANGE WELL STATUS CHANGE WELL STATUS CHANGE TUBING CHANGE WELL STATUS SUBSEQUENT REPORT CHANGE WELL STATUS CHANGE WELL STATUS CHANGE WELL STATUS CHANGE WELL STATUS SUBSEQUENT REPORT CHANGE WELL STATUS CHANGE WELL STATUS SUBSEQUENT REPORT CHANGE WELL STATUS CHANGE WELL STATUS SUBSEQUENT REPORT						
Other Senwing Section: 34 Township: 09.05 Range: 21.0E Meridian: S  TYPE OF SUBMISSION  TYPE OF ACTION    ACIDIZE						
TYPE OF SUBMISSION  TYPE OF ACTION    ACIDIZE						
ACIDIZE						
CHANGE TO PREVIOUS PLANS CHANGE TUBING CHANGE WELL NAME    CHANGE WELL STATUS COMMINGLE PRODUCING FORMATIONS CONVERT WELL TYPE   CHANGE WELL STATUS COMMINGLE PRODUCING FORMATIONS CONVERT WELL TYPE   CHANGE WELL STATUS COMMINGLE PRODUCING FORMATIONS CONVERT WELL TYPE   CHANGE WELL STATUS COMMINGLE PRODUCING FORMATIONS CONVERT WELL TYPE   CHANGE WELL STATUS COMMINGLE PRODUCING FORMATIONS   CHANGE WELL NAME   CHANGE WELL TYPE   NEW CONSTRUCTION   N						
Approximate date work will start:						
COMMINGLE PRODUCING FORMATIONS  CONVERT WELL TYPE  COMMINGLE PRODUCING FORMATION  CONVERT WELL TYPE  COMMINGLE PRODUCING FORMATIONS						
Date of Work Completion: 6/30/2010  OPERATOR CHANGE  PRODUCTION START OR RESUME  RECLAMATION OF WELL SITE  RECOMPLETE DIFFERENT FORMATION  SIDETRACK TO REPAIR WELL  TEMPORARY ABANDON  TUBING REPAIR  VENT OR FLARE  WATER SHUTOFF  SI TA STATUS EXTENSION  THE OPERATOR HAS CONCLUDED THE DOWNHOLE PLUGGING OPERATIONS  OF THIS WELL'S PRODUCING FORMATION (WASATCH). THE OPERATOR HAS  Approved by the						
SPUD REPORT   PRODUCTION START OR RESUME   RECLAMATION OF WELL SITE   RECOMPLETE DIFFERENT FORMATION   SIDETRACK TO REPAIR WELL   TEMPORARY ABANDON   TUBING REPAIR   VENT OR FLARE   WATER DISPOSAL   WATER SHUTOFF   SI TA STATUS EXTENSION   APD EXTENSION   OTHER: SWD MONITOR CONV    12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.   THE OPERATOR HAS CONCLUDED THE DOWNHOLE PLUGGING OPERATIONS   OF THIS WELL'S PRODUCING FORMATION (WASATCH). THE OPERATOR HAS   Approved by the						
SPUD REPORT Date of Spud:  REPERFORATE CURRENT FORMATION  SIDETRACK TO REPAIR WELL  TEMPORARY ABANDON  TUBING REPAIR  VENT OR FLARE  WATER DISPOSAL  WATER SHUTOFF  SI TA STATUS EXTENSION  OTHER:  SWD MONITOR CONV  12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  THE OPERATOR HAS CONCLUDED THE DOWNHOLE PLUGGING OPERATIONS  OF THIS WELL'S PRODUCING FORMATION (WASATCH). THE OPERATOR HAS  Approved by the						
Date of Spud:  REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARY ABANDON  TUBING REPAIR VENT OR FLARE WATER DISPOSAL  WATER SHUTOFF SI TA STATUS EXTENSION APPLEXES APPLEXES APPLEXES ON THER: SWD MONITOR CONV  12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  THE OPERATOR HAS CONCLUDED THE DOWNHOLE PLUGGING OPERATIONS  OF THIS WELL'S PRODUCING FORMATION (WASATCH). THE OPERATOR HAS  Approved by the						
DRILLING REPORT Report Date:  WATER SHUTOFF  SI TA STATUS EXTENSION  OTHER: SWD MONITOR CONV  12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  THE OPERATOR HAS CONCLUDED THE DOWNHOLE PLUGGING OPERATIONS  OF THIS WELL'S PRODUCING FORMATION (WASATCH). THE OPERATOR HAS  Approved by the						
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THE OPERATOR HAS CONCLUDED THE DOWNHOLE PLUGGING OPERATIONS OF THIS WELL'S PRODUCING FORMATION (WASATCH). THE OPERATOR HAS  Approved by the						
THE OPERATOR HAS CONCLUDED THE DOWNHOLE PLUGGING OPERATIONS						
NAME (PLEASE PRINT) Andy Lytle PHONE NUMBER 720 929-6100  PHONE NUMBER Regulatory Analyst						
SIGNATURE         DATE           N/A         7/1/2010						

US ROCKIES REGION  Operation Summary Report										
MA II NIDI I OOO										
Well: NBU 263 Project: UTAH-			Site: NBI	1 263			Spud Date: 3/	Rig Name No: LEED 733/733		
	ent: WELL WORK EXPENSE				(2010			End Date:		
	RKB @5,015.00ft (	(ahove Mear	Start Dat					End Date.		
Date	Time	Duration	Phase	Code	Sub	P/U	MD From	Operation		
Date	Start-End	(hr)	THASC	Ouc	Code	170	(ft)	Ореганоп		
6/18/2010	13:30 - 17:00	3.50	WO/REP	31		Р		ROAD RIG AND EQUIP FROM CIGE 143 TO LOCATION. SPOT AND RUSU. 0 PSI. ND WH. NO TBG OR HANGER. HOLD DOWN PINS SEIZED UP. NU BOP. FILL CSG W/ 1 BBL AND P-TEST TO 1000 PSI. GOOD. RU FLOOR AND TBG EQUIP. SDFN		
6/21/2010	6:30 - 6:45	0.25	WO/REP	48		Р		JSA- PU TBG		
	6:45 - 14:30	7.75	WO/REP	41	С	Р		SICP 0. SET 1-JT IN BOP. RU PLS AND RUN TEMP LOG. RD PLS. MU NOTCHED 1.87" XN AND RIH AS MEAS AND PU TBG. TAG CIBP AT 4855' W/ 151-JTS IN. EOT AT 4852' ROLL HOLE W/ 70 BBLS 10# BRINE. SDFN		
6/22/2010	6:30 - 6:45	0.25	WO/REP	48		Р		JSA- CEMENTING		
	6:45 - 10:15	3.50	WO/REP	51	D	P		MIRU PRO PETRO.  CMT PLUG #1) 4526'-4855' EOT AT 4855'. PMP 5 BBL FRESH, 25 SX 'G' CMT (5.1 BBL) 2 BBL FRESH AND DISPLACE. LD TBG TO EOT AT 4501' AND REVERSE CLEAN W/ 10# BRINE. LD TBG CMT PLUG #2) 3028'-3423' EOT AT 3423'. PMP 5 BBL FRESH, 30 SX 'G' CMT (6.1 BBL) 2 BBL FRESH AND DISPLACE. LD TBG TO EOT AT 3008' AND REV CLEAN W/ 10# BRINE. LD TBG. CMT PLUG #3) 2017'-2274' EOT AT 2274'. PMP 5 BBL FRESH, 20 SX 'G' CMT (4 BBL), 2 BBL FRESH AND DISPLACE. LD TBG TO EOT AT 1990'. REV CLEAN W/ TMAC. RDMO PRO-PETRO.		
	10:15 - 14:15	4.00	WO/REP	46	В	Р		LD 2-JTS, EOT AT 1925'. PRESSURE UP TO 1000 PSI AND SHUT WELL IN.		
	14:15 - 18:00	3.75	WO/REP	31	I	P		BLEED OFF PRESSURE. EASE DOWN AND TAG SOFT CMT AT 2047'. REVERSE CIRC TBG CLEAN. LD TBG, EOT AT 1990'. RU SWAB AND MAKE 8 RUNS. IFL SURFACE. RCVR 23 BBLS. LEARNED THAT BRINE HAD BEEN USED FOR REVERSING CLEAN AFTER TAGGING CMT. REV CIRC 40 BBLS TMAC AGAIN. SWAB. IFL SURFACE. MAKE 10 RUNS TO GET FL TO 1500'. RCVR 21 BBLS.		
6/23/2010	6:30 - 6:45	0.25	WO/REP	48		Р		JSA- PERF		
	6:45 - 14:30	7.75	WO/REP	31	I	P		SITP 0, SICP 0. MAKE 1-SWAB RUN. FL 1700'. RD SWAB. POOH W/ TBG. JT COUNT WAS OFF. TO MANY JTS IN. ACTUAL PLUG DEPTHS ARE #1) 25 SX- 4534'-4886', #2) 30 SX- 3106'-3520', #3) 20 SX-2086'-2371'. CONFER W/ DAVE (STATE HAND). SAID PLUG #1 & 2 ARE OK BUT NEED TO ADD 39' CMT TO #3. ORDER DUMP BAILER AND CMT. RU CUTTERS. RIH W/ DUMP BAILER. HAVE SOFT CMT. FIRM AT 2253'. BELOW PLUGGING DEPTH. SHOT BAILER AT 2193'. ORDER CMT TRUCKS. RIH W/ NOTCHED NIPPLE AND 2-3/8" TBG. TAG HARD CMT AT 2291' W/ 72-JTS IN. CIRC HOLE W/ TMAC. HAD GREEN WTR, SOME SOFT CMT IN RETURNS. MIRU PRO-PETRO. HAVE 71-JTS IN, EOT AT 2274'. ROLL HOLE W/ FRESH WTR. PMP 23 SX CMT (4.75 BBL.), DISPLACE W/ 7.5 BBL. PULL UP TO 1990'. REVERSE CLEAN W/ FRESH WTR. 1/2 BBL CMT BACK. RD PRO-PETRO. LD 2-JTS. HAVE 60-JTS IN, EOT AT 1926'. SDFN.		
6/24/2010	6:30 - 6:45	0.25	WO/REP	48		Р		JSA- SWABBING		

7/1/2010 8:03:43AM 1

#### **US ROCKIES REGION**

**Operation Summary Report** Spud Date: 3/15/1997 Well: NBU 263 Site: NBU 263 Project: UTAH-UINTAH Rig Name No: LEED 733/733 **Event: WELL WORK EXPENSE** Start Date: 6/18/2010 End Date: Active Datum: RKB @5,015.00ft (above Mean Sea Leve UWI: NBU 263 Date P/U Phase Code MD From Operation Time Duration Sub Start-End Code (hr) (ft) 6:45 - 8:30 1.75 WO/REP 42 В Р SITP 0, SICP 0. TAG CMT AT 2010' W/ JT #63. LD 1-JT. EOT AT 1990' W/ 62-JTS IN. SWAB FLUID LEVEL DOWN. MAKE 6 RUNS, IFL SURFACE. FFL 1500'. RCVR 24.5 BBLS. POOH W/ 62-JTS TBG. 8:30 - 10:00 1.50 WO/REP 37 С Ρ RU CUTTERS. RIH W/ 3-1/8" EXP GUN (4 SPF, 90\* PHASING, .35 EHD, 33" PENT), PERF BIRDS NEST FORM 1905'-20'. RD CUTTERS. 10:00 - 12:00 2.00 WO/REP 31 Ρ RIH W/ NOTCHED 1.87" XN AND 59-JTS 2-3/8" J-55 TBG. LAND 7" 5K HANGER W/ EOT AT 1904.39. RD FLOOR. ND BOP. NU WH. RU TO SWAB AND CATCH SAMPLES. 12:00 - 17:00 5.00 WO/REP Ρ 42 В MAKE 8 RUNS, IFL 1650', 1.3 BBL BACK. NO ENTRY. FILL CSG W/ 21-1/4" BBLS. BD PERFS AT 1300 PSI, PMP 2 BPM AT 975 PSI. PMP TOTAL OF 27.9 BBLS, SWAB, MADE 10-RUNS AND RECOVER 14.2 BBLS. SWAB DRY. MAKE 1/2 HR RUNS TOTAL FOR DAY-- PMP 54.4 BBLS, RECOVER 45.4 BBLS IN 22-RUNS, LTR 9 BBLS. SDFN 6/25/2010 WO/REP Ρ MONUMENT MONTHLY SAFETY MTG. 8:00 - 16:30 8.50 WO/REP 42 В Ρ SITP 50. OPEN WELL AND SWAB. IFL 1800' THEN CAME UP TO 1750'. MADE 6 RUNS, RCVR 2.7 BBL, FLUID LEVEL AT 1800' NO W/ NO FLUID ENTY. FILL HOLE, SPOT ACID TO EOT AND DISPLACE. (CUMM LOAD 90.4 BBL, CUMM RCVR 48.6 BBL, LTR NOW 41.8 BBL) SWAB. MAKE 8 RUNS TO RECOVER 26.5 BBL AFTER PMPING ACID. FL 1700'-1800'. NOW MAKE 1/2 HR RUNS. MADE TOTAL OF 20 RUNS TODAY AFTER PMPING ACID. CUMM TOTALS-- LOAD 90.4 BBLS, RCVR 77.35 BBLS, LTR 13.05 BBLS. 6/28/2010 7:00 - 7:15 0.25 WO/REP Ρ JSA-SAFETY MEETING Р 7:15 - 17:00 9 75 42 NO PRESSURE ON WELL, R/U SWAB RIH W/ WO/REP В FLUID LEVEL @ 1600', PULLED FROM 1900', SWAE BK 1 BBL, MADE 18 SWAB RUNS W/ SWAB FROM 1900', SWAB BACK 2 1/5 BBLS WTR W/ 10 1/2 BBLS LTR, SWAB SAMPLE SHOW @ ON PH 8.78 AND CHLORIDES @ 2900, R/D SWAB, SHUT WELL IN SDFN, 6/29/2010 6:30 - 7:00 0.50 WO/REP 48 Р JSA - Sfety meeting 7:00 - 8:00 1.00 Р NO PRESSURE ON WELL, N/D WH, N/U BOPS, WO/REP 31 TOH W/TBG, PUMP 7.5 BBLS WTR DN CSG, 8:00 - 8:30 0.50 R/U CUTTER WIRELINE RIH W/ 3 3/8" PERF GUNS. WO/REP C Ρ PERF THE BIRD NEST @ 1800' TO 1810', 4-SPF, 23 gm, 0.36 HOLE, 90\* PHS, 40 HOLES, R/D WIRELINE 8:30 - 9:45 1.25 RIH W/ XN-NIPPLE W/ NOTCH END, RUN 2 3/8" WO/REP 31 Ρ J-55 TBG, LAND TBG @ 1777.69', 56 JTS 2 3/8" J-55 1- XN-NIPPLE W/ NOTCH END, TBG HANGER, EOT @ 1777.69', N/D BOPS, N/U WH, 9:45 - 17:00 7.25 WO/REP 42 В Ρ R/U SWAB, RIH FLUID LEVEL @ 1000', PULLED FROM 1777', SWAB WELL DN TO 7750' IN 15 RUN SWAB BACK 7.5 BBLS (LOAD WTR), MADE 19 TOTAL SWAB RUN W/ SWAB BACK TOTAL OF 7.93 BBLS WTR, R/D SWAB, SHUT WELL IN SDFN, PH RUN @ 9.60 and CHLORIDES @ 4400, 6:30 - 6:45 Р 6/30/2010 0.25 WO/REP 48 JSA-SAFETY MEETING 6:45 - 8:00 Ρ 1.25 WO/REP Α RIG DOWN SERVICE UNIT AND EQUIP, MOVE

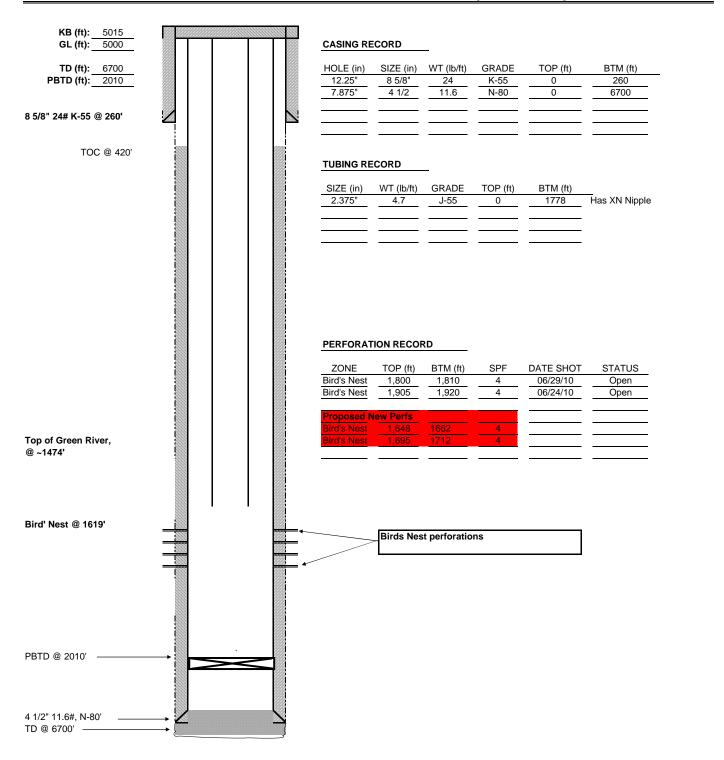
7/1/2010 8:03:43AM 2

OFF LOC.

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES		FORM 9
	5.LEASE DESIGNATION AND SERIAL NUMBER: U-01194ST		
SUND	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	sals to drill new wells, significantly deepen ex igged wells, or to drill horizontal laterals. Use		7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Test Well			8. WELL NAME and NUMBER: NBU 263
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONS	HORE, L.P.		9. API NUMBER: 43047327930000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th S	PHONE treet, Suite 600, Denver, CO, 80217 3779	<b>NUMBER:</b> 720 929-6007 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1641 FNL 1832 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI	IP, RANGE, MERIDIAN: Township: 09.0S Range: 21.0E Meridian: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
_	☐ ACIDIZE ☐	ALTER CASING	☐ CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME
12/7/2010	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
SUBSEQUENT REPORT	☐ DEEPEN ☐	FRACTURE TREAT	☐ NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	✓ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	☐ TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
Report Date:	☐ WILDCAT WELL DETERMINATION ✓	OTHER	OTHER: SWD Monitor Well
12 DESCRIBE PROPOSED OR CO	MPLETED OPERATIONS. Clearly show all pertin	ent details including dates, denths, v	· <del></del>
The operator reque Nest formation in swabbing and sar	sts approval to add additional p this SWD monitor well. Possible mpling would follow. Please see r proposed and existing perfora	erforations to the Bird's breakdown and more the attached wellbore	Accepted by the Utah Division of Oil, Gas and Mining
			ate: 12/06/2010
		В	y:
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE	
Andy Lytle	720 929-6100	Regulatory Analyst	
SIGNATURE N/A		DATE 12/6/2010	

WELL: <u>NB</u>U 263 CNTY: UINTAH FT.: 1641' FNL 1832' FWL FIELD: NATURAL BUTTES STATE: UTAH Q-Q: SENW API# SEC.: 34 LEASE #: U-01194-A-ST TWS: 98 EPA PERMIT #: RGE: 21E

## **CURRENT WELLBORE DIAGRAM (6/28/2010)**



	FORM 9						
	5.LEASE DESIGNATION AND SERIAL NUMBER: U-01194ST						
SUND	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:						
Do not use this form for propo bottom-hole depth, reenter plu DRILL form for such proposals	sals to drill new wells, significantly deepen exis ugged wells, or to drill horizontal laterals. Use A	ting wells below current PPLICATION FOR PERMIT TO	7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES				
1. TYPE OF WELL Test Well			8. WELL NAME and NUMBER: NBU 263				
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONS	HORE, L.P.		<b>9. API NUMBER:</b> 43047327930000				
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th S	PHONE N treet, Suite 600, Denver, CO, 80217 3779	<b>UMBER:</b> 720 929-6007 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1641 FNL 1832 FWL			COUNTY: UINTAH				
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SENW Section: 34	IP, RANGE, MERIDIAN: Township: 09.0S Range: 21.0E Meridian: S		STATE: UTAH				
11. CHE	CK APPROPRIATE BOXES TO INDICATE N	ATURE OF NOTICE, REPORT,	OR OTHER DATA				
TYPE OF SUBMISSION		TYPE OF ACTION					
	ACIDIZE	ALTER CASING	☐ CASING REPAIR				
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME				
	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE				
SUBSEQUENT REPORT Date of Work Completion: 12/16/2010	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION				
	☐ OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK				
☐ SPUD REPORT	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION				
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON				
	☐ TUBING REPAIR ☐	VENT OR FLARE	WATER DISPOSAL				
DRILLING REPORT Report Date:	☐ WATER SHUTOFF ☐	SI TA STATUS EXTENSION	APD EXTENSION				
	☐ WILDCAT WELL DETERMINATION ✓	OTHER	OTHER: SWD MONITOR WELL				
The operator has concluded additional work on this SWD Monitor well. The operator has added additional perforations to the Bird's Nest formation and Accepted by the has treated those new perforations and collected samples. Please see the Utah Division of attached chronological well history for details of the operation.  Oil, Gas and Mining  FOR RECO/R12 (OIN LY)							
NAME (PLEASE PRINT) Andy Lytle	<b>PHONE NUMBER</b> 720 929-6100	TITLE Regulatory Analyst					
SIGNATURE N/A		<b>DATE</b> 1/5/2011					

US ROCKIES REGION									
Operation Summary Report									
Well: NBU 263							Spud Date: 3/	15/1997	
Project: UTAH-	UINTAH	Site: NB	U 263				Rig Name No: LEED 733/733		
Event: RECOM	PL/RESEREVEAD	D	Start Da	te: 6/18/	2010			End Date: 6/30/2010	
Active Datum: I	RKB @5,015.00ft (	above Mear	Sea Leve	UWI: N	IBU 263				
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation	
6/18/2010	13:30 - 17:00	3.50	WO/REP	31		Р		ROAD RIG AND EQUIP FROM CIGE 143 TO LOCATION. SPOT AND RUSU. 0 PSI. ND WH. NO TBG OR HANGER. HOLD DOWN PINS SEIZED UP. NU BOP. FILL CSG W/ 1 BBL AND P-TEST TO 1000 PSI. GOOD. RU FLOOR AND TBG EQUIP. SDFN	
6/21/2010	6:30 - 6:45	0.25	WO/REP	48		Р		JSA- PU TBG	
6/22/2010	6:45 - 14:30 6:30 - 6:45	7.75 0.25	WO/REP	41	С	P		SICP 0. SET 1-JT IN BOP. RU PLS AND RUN TEMP LOG. RD PLS. MU NOTCHED 1.87" XN AND RIH AS MEAS AND PU TBG. TAG CIBP AT 4855' W/ 151-JTS IN. EOT AT 4852' ROLL HOLE W/ 70 BBLS 10# BRINE. SDFN JSA- CEMENTING	
0/22/2010	6:45 - 10:15	3.50	WO/REP	51	D	P		MIRU PRO PETRO.	
								CMT PLUG #1) 4526'-4855' EOT AT 4855'. PMP 5 BBL FRESH, 25 SX 'G' CMT (5.1 BBL) 2 BBL FRESH AND DISPLACE. LD TBG TO EOT AT 4501' AND REVERSE CLEAN W/ 10# BRINE. LD TBG CMT PLUG #2) 3028'-3423' EOT AT 3423'. PMP 5 BBL FRESH, 30 SX 'G' CMT (6.1 BBL) 2 BBL FRESH AND DISPLACE. LD TBG TO EOT AT 3008' AND REV CLEAN W/ 10# BRINE. LD TBG. CMT PLUG #3) 2017'-2274' EOT AT 2274'. PMP 5 BBL FRESH, 20 SX 'G' CMT (4 BBL), 2 BBL FRESH AND DISPLACE. LD TBG TO EOT AT 1990'. REV CLEAN W/ TMAC. RDMO PRO-PETRO.	
	10:15 - 14:15	4.00	WO/REP	46	В	Р		LD 2-JTS, EOT AT 1925'. PRESSURE UP TO 1000 PSI AND SHUT WELL IN.	
0/00/0040	14:15 - 18:00	3.75	WO/REP	31	I	Р		BLEED OFF PRESSURE. EASE DOWN AND TAG SOFT CMT AT 2047'. REVERSE CIRC TBG CLEAN. LD TBG, EOT AT 1990'. RU SWAB AND MAKE 8 RUNS. IFL SURFACE. RCVR 23 BBLS. LEARNED THAT BRINE HAD BEEN USED FOR REVERSING CLEAN AFTER TAGGING CMT. REV CIRC 40 BBLS TMAC AGAIN. SWAB. IFL SURFACE. MAKE 10 RUNS TO GET FL TO 1500'. RCVR 21 BBLS.	
6/23/2010	6:30 - 6:45	0.25	WO/REP	48		Р		JSA- PERF	
	6:45 - 14:30	7.75	WO/REP	31	l	P		SITP 0, SICP 0. MAKE 1-SWAB RUN. FL 1700'. RD SWAB. POOH W/ TBG. JT COUNT WAS OFF. TO MANY JTS IN. ACTUAL PLUG DEPTHS ARE #1) 25 SX- 4534'-4886', #2) 30 SX- 3106'-3520', #3) 20 SX-2086'-2371'. CONFER W/ DAVE (STATE HAND). SAID PLUG #1 & 2 ARE OK BUT NEED TO ADD 39' CMT TO #3. ORDER DUMP BAILER AND CMT. RU CUTTERS. RIH W/ DUMP BAILER. HAVE SOFT CMT. FIRM AT 2253'. BELOW PLUGGING DEPTH. SHOT BAILER AT 2193'. ORDER CMT TRUCKS. RIH W/ NOTCHED NIPPLE AND 2-3/8" TBG. TAG HARD CMT AT 2291' W/ 72-JTS IN. CIRC HOLE W/ TMAC. HAD GREEN WTR, SOME SOFT CMT IN RETURNS. MIRU PRO-PETRO. HAVE 71-JTS IN, EOT AT 2274'. ROLL HOLE W/ FRESH WTR. PMP 23 SX CMT (4.75 BBL), DISPLACE W/ 7.5 BBL. PULL UP TO 1990'. REVERSE CLEAN W/ FRESH WTR. 1/2 BBL CMT BACK. RD PRO-PETRO. LD 2-JTS. HAVE 60-JTS IN, EOT AT 1926'. SDFN.	
6/24/2010	6:30 - 6:45	0.25	WO/REP	48		Р		JSA- SWABBING	

1/5/2011 11:22:55AM 1

#### **US ROCKIES REGION**

**Operation Summary Report** Spud Date: 3/15/1997 Well: NBU 263 Site: NBU 263 Project: UTAH-UINTAH Rig Name No: LEED 733/733 Event: RECOMPL/RESEREVEADD Start Date: 6/18/2010 End Date: 6/30/2010 Active Datum: RKB @5,015.00ft (above Mean Sea Leve UWI: NBU 263 Date P/U Phase Code MD From Operation Time Duration Sub Start-End Code (ft) (hr) 6:45 SITP 0, SICP 0. TAG CMT AT 2010' W/ JT #63. LD - 8:30 1.75 WO/REP 42 В Р 1-JT. EOT AT 1990' W/ 62-JTS IN. SWAB FLUID LEVEL DOWN. MAKE 6 RUNS, IFL SURFACE. FFL 1500'. RCVR 24.5 BBLS. POOH W/ 62-JTS TBG. 8:30 - 10:00 1.50 WO/REP 37 С Р RU CUTTERS. RIH W/ 3-1/8" EXP GUN (4 SPF, 90\* PHASING, .35 EHD, 33" PENT), PERF BIRDS NEST FORM 1905'-20'. RD CUTTERS 10:00 - 12:00 2.00 WO/REP 31 Ρ RIH W/ NOTCHED 1.87" XN AND 59-JTS 2-3/8" J-55 TBG. LAND 7" 5K HANGER W/ EOT AT 1904.39. RD FLOOR. ND BOP. NU WH. RU TO SWAB AND CATCH SAMPLES. 12:00 - 17:00 5.00 WO/REP В Р 42 MAKE 8 RUNS, IFL 1650', 1.3 BBL BACK. NO ENTRY. FILL CSG W/ 21-1/4" BBLS. BD PERFS AT 1300 PSI, PMP 2 BPM AT 975 PSI. PMP TOTAL OF 27.9 BBLS, SWAB, MADE 10-RUNS AND RECOVER 14.2 BBLS. SWAB DRY. MAKE 1/2 HR RUNS TOTAL FOR DAY-- PMP 54.4 BBLS, RECOVER 45.4 BBLS IN 22-RUNS, LTR 9 BBLS. SDFN 6/25/2010 WO/REP 48 MONUMENT MONTHLY SAFETY MTG. 8:00 - 16:30 8.50 WO/REP 42 В Ρ SITP 50. OPEN WELL AND SWAB. IFL 1800' THEN CAME UP TO 1750'. MADE 6 RUNS, RCVR 2.7 BBL, FLUID LEVEL AT 1800' NO W/ NO FLUID ENTY. FILL HOLE, SPOT ACID TO EOT AND DISPLACE. (CUMM LOAD 90.4 BBL, CUMM RCVR 48.6 BBL, LTR NOW 41.8 BBL) SWAB. MAKE 8 RUNS TO RECOVER 26.5 BBL AFTER PMPING ACID. FL 1700'-1800'. NOW MAKE 1/2 HR RUNS. MADE TOTAL OF 20 RUNS TODAY AFTER PMPING ACID. CUMM TOTALS-- LOAD 90.4 BBLS, RCVR 77.35 BBLS, LTR 13.05 BBLS. 6/28/2010 7:00 - 7:15 0.25 WO/REP 48 Ρ JSA-SAFETY MEETING Р 7:15 - 17:00 9 75 WO/REP 42 R NO PRESSURE ON WELL, R/U SWAB RIH W/ FLUID LEVEL @ 1600'. PULLED FROM 1900'. SWAE BK 1 BBL, MADE 18 SWAB RUNS W/ SWAB FROM 1900', SWAB BACK 2 1/5 BBLS WTR W/ 10 1/2 BBLS LTR, SWAB SAMPLE SHOW @ ON PH 8.78 AND CHLORIDES @ 2900, R/D SWAB, SHUT WELL IN SDFN, Ρ 6/29/2010 6:30 - 7:00 0.50 WO/REP 48 JSA - Sfety meeting 7:00 - 8:00 WO/REP NO PRESSURE ON WELL, N/D WH, N/U BOPS, 1.00 31 Р TOH W/TBG, PUMP 7.5 BBLS WTR DN CSG, 8:00 - 8:30 0.50 WO/REP 37 С Ρ R/U CUTTER WIRELINE RIH W/ 3 3/8" PERF GUNS, PERF THE BIRD NEST @ 1800' TO 1810', 4-SPF, 23 gm, 0.36 HOLE, 90\* PHS, 40 HOLES, R/D WIRELINE 8:30 RIH W/ XN-NIPPLE W/ NOTCH END, RUN 2 3/8" - 9:45 1.25 WO/REP 31 ı Ρ J-55 TBG, LAND TBG @ 1777.69', 56 JTS 2 3/8" J-55 1- XN-NIPPLE W/ NOTCH END. TBG HANGER, EOT @ 1777.69', N/D BOPS, N/U WH, 9:45 - 17:00 7.25 WO/REP 42 В Ρ R/U SWAB, RIH FLUID LEVEL @ 1000', PULLED FROM 1777', SWAB WELL DN TO 7750' IN 15 RUN SWAB BACK 7.5 BBLS (LOAD WTR), MADE 19 TOTAL SWAB RUN W/ SWAB BACK TOTAL OF 7.93 BBLS WTR, R/D SWAB, SHUT WELL IN SDFN, PH RUN @ 9.60 and CHLORIDES @ 4400, 6:30 - 6:45 Ρ 6/30/2010 0.25 WO/RFP 48 JSA-SAFETY MEETING 6:45 - 8:00 1.25 WO/REP 30 Ρ RIG DOWN SERVICE UNIT AND EQUIP, MOVE Α

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OFF LOC.

#### **US ROCKIES REGION Operation Summary Report** Spud Date: 3/15/1997 Well: NBU 263 Project: UTAH-UINTAH Site: NBU 263 Rig Name No: LEED 733/733 Event: RECOMPL/RESEREVEADD Start Date: 6/18/2010 End Date: 6/30/2010 Active Datum: RKB @5,015.00ft (above Mean Sea Leve UWI: NBU 263 P/U Date Phase Code MD From Operation Time Duration Sub Start-End Code (hr) (ft) 8/11/2010 Swab report for NBU 263, 8-11-10 Beginning F.L 1000 Ending F.L. 1710 Beginning T. P. Ending T. P. Beginning C. P. 350 Ending C. P. Λ Recovered 2 bbls Day Cost: \$1,980.00 Tried Swabing 8/12/2010 (No Fluid). Moved to Cige 12/9/2010 9-7 RRTL WITH PUMP & TANK MIRU BWD NDWH NUBOP UNLTBG R/U SWAB IFL @ 1700' R/D SWAB TOH 56 JNTS & XN-NIPPLE SWI SDFN COST \$4032.50 = RIG & TRUCKING 12/10/2010 05:30-5:00 rctl hsm bwd. Pumped /8 bbls t-mac dowr csg = fluid level @ 1200' = 448' above top perf @ 1648'. R/U Cased hole WL & perf csg from 1712' to 1695' with 4 spf & from 1662' to 1648' with 4 spf. R/D WL NOTE: line jumped very hard during 1st perf due to pressure behind csg may want to run 2 seperate guns in future for less weight on line: TIH 52 ints = EOT @ 1649'. R/U swab. IFL @ 1100' FFL @ 1600'. Recovered 9.15 bbls with 22 runs and took 6 swab samples. R/D swab. TOH tbg swi sdfwe. cost = \$3704.005:30-6:00 RCTL HSM. P/U 4 1/2 RBP & PKR. TIH 12/13/2010 TALLYING SET RBP @ 1780'. TEST TO 1000#. SET PKR @ 1669' BREAK DOWN PERFS @ 1950# EST INJ. RATE OF 1.75 BPM @ 1200#. PUMPED 20 BBLS TOTAL INTO PERFS. PERFS HOLDING 700# BLEED BACK 2 BBLS. RETRIEVE PLUG SET RBP @ 1679' & SET PKR @ 1608'. BREAK DOWN PEFS @ 800# EST INJ. RATE OF 2.25 BPM @ 1100#. PUMPED 20 BBLS TOTAL INTO PERFS. PERFS HOLDING 400# BLEED BACK 1 BBL. PUMPED 53 BBLS TOTAL, BLED BACK 3 BBLS = 50 BBLS TO RECOVER. TOH L/D TOOLS. TIH PSN & 52 JNTS = EOT @ 1649'. R/U SWAB IFL 90' FFL 1600'. MADE 20 RUNS & RECOVERED 28 BBLS = 22 BBLS LEFT TO RECOVER R/D SWAB SWI SDFN RCTY COST \$4459.00 RIG \$3393.00 WEATHERFORD TOOLS/HAND 05:30-4:00 RCTL HSM BWD. TOH TBG. TIH PKR & 12/14/2010 PLUG SET PLUG @ 1777' & PKR @ 1669'. R/U NALCO PUMPED 3 BBLS 28% ACID PUMP INTO PERFS FOLLOWED BY 10 BBLS T-MAC, PUMPED A TOTAL OF 16 1/2 BBLS. MOVED PLUG TO 1675' & PKR TO 1608'. PUMPED 3 BBLS 28% ACID PUMP INTO PERFS FOLLOWED BY 10 BBLS. PUMPED A TOTAL OF 51 BBLS FOR THE DAY, FLOW BACK 8 BBLS = 43 BBLS TO RECOVER FROM TODAY PLUS 22 BBLS FROM YESTERDAY = 65 BBLS TO RECOVER. TOH TBG & TOOLS TIH PSN & 56 JNTS = EOT @ 1778' SWI SDFN COST = \$4360.00 \$1048.00 WEATHERFORD

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#### **US ROCKIES REGION Operation Summary Report** Well: NBU 263 Spud Date: 3/15/1997 Site: NBU 263 Project: UTAH-UINTAH Rig Name No: LEED 733/733 Event: RECOMPL/RESEREVEADD End Date: 6/30/2010 Start Date: 6/18/2010 Active Datum: RKB @5,015.00ft (above Mean Sea Leve UWI: NBU 263 Date P/U Phase Code MD From Operation Time Duration Sub Start-End Code (hr) (ft) 05:30-6:OO RCTL HSM. CHECK PSI = 10/10 BWD. R/U SWAB IFL 30' FFL 1050' MADE 47 RUNS 12/15/2010 RECOVERED 124 BBLS = 65 LOAD BBLS & 59 FORMATION BBLS. COLLECTED 9 SAMPLES. R/D SWAB DRAIN LINES & TANK. SWI SDFN RCTY (TOOK SAMPLES TO NALCO @ 5:00 P.M.) COST = \$4073.00 12/16/2010

Sundry Number: 1-6746 Approval of this: 43047327930000

Action is Necessary

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: U-01194ST
SUNDE	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	sals to drill new wells, significantly deeper igged wells, or to drill horizontal laterals.		7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Water Disposal Well			8. WELL NAME and NUMBER: NBU 263
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONS	HORE, L.P.		9. API NUMBER: 43047327930000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th S	PHC treet, Suite 600, Denver, CO, 80217 3779	ONE NUMBER: 720 929-6515 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1641 FNL 1832 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SENW Section: 34	P, RANGE, MERIDIAN: Township: 09.0S Range: 21.0E Meridian:	S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE	☐ ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	CHANGE WELL NAME
7/6/2010	CHANGE WELL STATUS	$\square$ commingle producing formations	CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	APD EXTENSION
Report Date:	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: SWD Monitor Program
12 DESCRIBE PROPOSED OF CO	MPLETED OPERATIONS. Clearly show all pe	rtinent details including dates, denths	,
The subject well McGee/EPA SWD m	remains a SWD monitor well onitoring well program. The oning a SWD monitor well for t	and is part of the Kerr operator plans on this well	Accepted by the Utah Division of Oil, Gas and Mining
			ate: 08/16/2011 y:
NAME (PLEASE PRINT) Andy Lytle	<b>PHONE NUMBER</b> 720 929-6100	TITLE Regulatory Analyst	
SIGNATURE N/A		<b>DATE</b> 7/14/2011	

Sundry Number: 27935 API Well Number: 43047327930000

STATE OF UTAH			FORM 9		
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING			5.LEASE DESIGNATION AND SERIAL NUMBER: UO-1194-AST		
SUNDRY NOTICES AND REPORTS ON WELLS			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICAT FOR PERMIT TO DRILL form for such proposals.			7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES		
1. TYPE OF WELL Water Disposal Well			8. WELL NAME and NUMBER: NBU 263		
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.			<b>9. API NUMBER:</b> 43047327930000		
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th	PHC n Street, Suite 600, Denver, CO, 80217 377	ONE NUMBER: 720 929-6	9. FIELD and POOL or WILDCAT: 5NATURAL BUTTES		
4. LOCATION OF WELL FOOTAGES AT SURFACE:			COUNTY: UINTAH		
1641 FNL 1832 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 34 Township: 09.0S Range: 21.0E Meridian: S			STATE: UTAH		
11. CHECK	K APPROPRIATE BOXES TO INDICATE N	ATURE OF NOTICE, REPOR	T, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
	ACIDIZE	ALTER CASING	CASING REPAIR		
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME		
7/23/2012	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE		
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION		
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK		
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION		
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON		
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL		
DRILLING REPORT	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION		
Report Date:	☐ WILDCAT WELL DETERMINATION ✓	OTHER	OTHER: SWD Monitor Well		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.					
The subject well remains a SWD monitor well and is part of the Kerr  McGee/EPA SWD monitoring well program. The operator plans on this  well remaining a SWD well for the next year.  Accepted by the  Utah Division of Oil, Gas and Mining					
			Date: July 30, 2012		
			By: Basquill		
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE			
Jaime Scharnowske	720 929-6304	Regulartory Analyst			
SIGNATURE N/A		<b>DATE</b> 7/23/2012			

Sundry Number: 39222 API Well Number: 43047327930000 FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

STATE OF UTAH		FORM 9		
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING			5.LEASE DESIGNATION AND SERIAL NUMBER: UO-1194-AST	
SUNDRY NOTICES AND REPORTS ON WELLS			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES		
1. TYPE OF WELL Water Disposal Well			8. WELL NAME and NUMBER: NBU 263	
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.			<b>9. API NUMBER:</b> 43047327930000	
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18tl	F h Street, Suite 600, Denver, CO, 80217	PHONE NUMBER: 3779 720 929-6	9. FIELD and POOL or WILDCAT: 5NATURAL BUTTES	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1641 FNL 1832 FWL			COUNTY: UINTAH	
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SENW Section: 3	n: S	STATE: UTAH		
11. CHEC	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION		
The subject well r McGee/EPA SWD	CHANGE WELL STATUS  CHANGE WELL STATUS  DEEPEN  OPERATOR CHANGE  PRODUCTION START OR RESUME  REPERFORATE CURRENT FORMATION  TUBING REPAIR  WATER SHUTOFF  WILDCAT WELL DETERMINATION  COMPLETED OPERATIONS. Clearly show all remains a SWD monitor well a monitoring well program. The emaining a SWD well for the n	CASING REPAIR CHANGE WELL NAME CONVERT WELL TYPE NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL APD EXTENSION OTHER: SWD Monitor Program  Depths, volumes, etc. Accepted by the Utah Division of Oil, Gas and Mining  Date: August 09, 2013  By:		
NAME (PLEASE PRINT)	PHONE NUMBEI	R  TITLE		
Teena Paulo SIGNATURE	720 929-6236	Staff Regulatory Specialist  DATE		
N/A		6/20/2013		

Sundry Number: 55641 API Well Number: 43047327930000

	STATE OF UTAH			FORM 9	
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING			5.LEASE DESIGNATION AND SERIAL NUMBER: UO-1194-AST		
SUNDRY NOTICES AND REPORTS ON WELLS			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES		
1. TYPE OF WELL Test Well				8. WELL NAME and NUMBER: NBU 263	
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ON	ISHORE, L.P.			9. API NUMBER: 43047327930000	
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th	n Street, Suite 600, Denver, CO, 80		<b>NE NUMBER:</b> 9 720 929-6	9. FIELD and POOL or WILDCAT: 1NATURAL BUTTES	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1641 FNL 1832 FWL				COUNTY: UINTAH	
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 34 Township: 09.0S Range: 21.0E M	eridian:	S	STATE: UTAH	
11. CHECI	K APPROPRIATE BOXES TO INDIC	CATE N	ATURE OF NOTICE, REPOR	RT, OR OTHER DATA	
TYPE OF SUBMISSION			TYPE OF ACTION		
	ACIDIZE		LITER CASING	CASING REPAIR	
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS		CHANGE TUBING	CHANGE WELL NAME	
7,pp. Oximute date notice and control	CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE	
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	☐ F	RACTURE TREAT	☐ NEW CONSTRUCTION	
9/16/2014	OPERATOR CHANGE	П	LUG AND ABANDON	PLUG BACK	
SPUD REPORT	PRODUCTION START OR RESUME		ECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION	
Date of Spud:	REPERFORATE CURRENT FORMATION	□ s	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON	
	TUBING REPAIR	□ v	ENT OR FLARE	WATER DISPOSAL	
DRILLING REPORT Report Date:	WATER SHUTOFF	□ s	I TA STATUS EXTENSION	APD EXTENSION	
Report Bate.		1	ATHER	OTHER: MONITOR WELL	
	WILDCAT WELL DETERMINATION	• 0	OTHER	·	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  The NBU 263 remains a monitor well for the NBU 921-34K SWD well as part of the EPA SWD monitoring well program.  Accepted by the Utah Division of Oil, Gas and Mining  FOR RECORD ONLY  September 16, 2014					
NAME (PLEASE PRINT)	PHONE NU	MBER	TITLE		
Doreen Green SIGNATURE	435 781-9758		Regulatory Analyst II  DATE		
SIGNATURE   N/A			9/16/2014		

Sundry Number: 66113 API Well Number: 43047327930000

	STATE OF UTAH			FORM 9	
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING			5.LEASE DESIGNATION AND SERIAL NUMBER: UO-1194-AST		
SUNDRY NOTICES AND REPORTS ON WELLS			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES		
1. TYPE OF WELL Test Well				8. WELL NAME and NUMBER: NBU 263	
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ON	ISHORE, L.P.			9. API NUMBER: 43047327930000	
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th	n Street, Suite 600, Denver, CO, 80		NE NUMBER: 9 720 929-6	9. FIELD and POOL or WILDCAT: 1NATURAL BUTTES	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1641 FNL 1832 FWL				COUNTY: UINTAH	
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 34 Township: 09.0S Range: 21.0E M	leridian:	S	STATE: UTAH	
11. CHECI	K APPROPRIATE BOXES TO INDI	CATE N	ATURE OF NOTICE, REPOR	RT, OR OTHER DATA	
TYPE OF SUBMISSION			TYPE OF ACTION		
	ACIDIZE		ALTER CASING	CASING REPAIR	
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS		CHANGE TUBING	CHANGE WELL NAME	
7,pp. Oximute date notice and control	CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE	
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	□ F	RACTURE TREAT	☐ NEW CONSTRUCTION	
9/14/2015	OPERATOR CHANGE	□ Р	PLUG AND ABANDON	PLUG BACK	
SPUD REPORT	PRODUCTION START OR RESUME		RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION	
Date of Spud:	REPERFORATE CURRENT FORMATION	□ s	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON	
	TUBING REPAIR	□ v	ENT OR FLARE	WATER DISPOSAL	
DRILLING REPORT Report Date:	WATER SHUTOFF	□ s	SI TA STATUS EXTENSION	APD EXTENSION	
Report Bate.			OTHER	OTHER: MONITOR WELL	
	WILDCAT WELL DETERMINATION	<b>V</b>	DIHER	<u>,                                      </u>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  The NBU 263 remains a monitor well for the NBU 921-34K SWD well as part of the EPA SWD monitoring well program.  Accepted by the Utah Division of Oil, Gas and Mining  FOR RECORD ONLY  September 16, 2015					
NAME (PLEASE PRINT)	PHONE NU	IMBER	TITLE		
Doreen Green	435 781-9758		Regulatory Analyst II		
SIGNATURE N/A			<b>DATE</b> 9/14/2015		

Sundry Number: 74395 API Well Number: 43047327930000

	STATE OF UTAH				FORM 9
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING			5.LEASE DESIGNATION AND SERIAL NUMBER: UO-1194-AST		
SUNDRY NOTICES AND REPORTS ON WELLS			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES		
1. TYPE OF WELL Test Well				8. WELL NAME and NUMBER: NBU 263	
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ON	ISHORE, L.P.			9. API NUMBER: 43047327930000	
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th	n Street, Suite 600, Denver, CO, 802		NE NUMBER: 720 929-6	9. FIELD and POOL or WILDCAT: 451&TUERAL BUTTES	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1641 FNL 1832 FWL				COUNTY: UINTAH	
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 34 Township: 09.0S Range: 21.0E Me	ridian:	S	STATE: UTAH	
11. CHECI	K APPROPRIATE BOXES TO INDIC	ATE N	ATURE OF NOTICE, REPOR	T, OR OTHER DATA	
TYPE OF SUBMISSION			TYPE OF ACTION		
	ACIDIZE		ALTER CASING	CASING REPAIR	
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS		CHANGE TUBING	CHANGE WELL NAME	
7,pp. Oximuto dato notic um otali.	CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE	
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	□ F	RACTURE TREAT	NEW CONSTRUCTION	İ
9/13/2016	OPERATOR CHANGE		PLUG AND ABANDON	PLUG BACK	
SPUD REPORT	PRODUCTION START OR RESUME		RECLAMATION OF WELL SITE	RECOMPLETE DIFFER	RENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION		SIDETRACK TO REPAIR WELL	TEMPORARY ABANDO	ON
	TUBING REPAIR		/ENT OR FLARE	WATER DISPOSAL	
DRILLING REPORT Report Date:	WATER SHUTOFF		SI TA STATUS EXTENSION	APD EXTENSION	
Report Bate.		1	OTHER	OTHER: MONITOR WELL	
	WILDCAT WELL DETERMINATION	•	JIHER		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  The NBU 263 remains a monitor well for the NBU 921-34K SWD well as part of the EPA SWD monitoring well program.  Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY September 16, 2016					n of lining RD ONLY
NAME (PLEASE PRINT) Candice Barber	<b>PHONE NUM</b> 435 781-9749	/IBER	TITLE HSE Representative		
SIGNATURE			DATE		
N/A			9/13/2016		